# FRS GOES DX

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■FRS-Holland on air Sept. 29th and Oct. 20th (16th Anniversary)
■Radio ABC/-Denmark Feature ⑤Offshore Radio: new projects in
International waters? ⑤Radio Caroline Latest ⑥FRSHs new website
⑥ Years of FRS-Holland final part ⑥ SW news and loggings ⑥ Artiom Reports ⑥ Made in Holland ⑥ Jam Creative Productions



#### COLOPHON

**FRS GOES DX** is a quarterly magazine which informs about radio in general and **free radio** in particular its a publication of FRS-Holland.

#### SUBSCRIPTIONS

Subscriptions can take effect in any month but will always end in December. A year's sub-costs DM 35/ f 35/ £ 14:50 (Europe) or U\$\$24 (outside Europe). Payments are accepted D in cash/ D by eurocheque D by intermoney order important, eurocheques **must** be written out in either German Marks or Dutch Guilders!! Sample copies (once-only) can be obtained for DM 5:00/ £ 2:00/ f5.4 \$ 3:00/ 4 irc's.

#### ADVERTISING

Small adds which are non-commercial are free of charge for members. Small commercial adverts cost DM 5.00 / £ 2.00 / f 5,7 \$ 3.00 . For full or half-page adverts contact the editor at the address below.

#### **MAILING ADDRESS**

All correspondence should be sent to P O.Box 2727, 6049 ZG HERTEN in the Netherlands. Do not use the address which is on the cover! Email joop.ter.zee@TiP.nl

#### **CONTRIBUTORS**

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#### SOURCES OF INFO

Freewave, Radio World, OEM, Free Radio Info, SRS & Pirate Connection.

This edition is circulated to readers in Europe, the USA & New Zealand.

Next edition: Monday Dec. 16th Deadline: Friday December 7th '96

#### **EDITORIAL**

Right at the end of this Summer, the third 1996 edition of FRSGDX!! We are on schedule as this issue is published almost exactly three months later than #140.

Since a few weeks, I have joined the ever growing mass of people who are on the Internet. That means from now on *two* Email addresses are available for FRSH and FRSGDX purposes. The new (extra) Email address is < peter.verbruggen@tip.nl >. Joop's address will of course remain open for any electronic FRS mail.

In recent months I have discovered it's a big advantage that Joop is active on the Internet: he has answered quite a number of FRS letters and made contacts to a great number of people. In this way we are sharing the "PR" and mail of the station. Teamwork! Joop is sending FRS news to newsgroups and individuals who are on our list. Besides: Joop and I have worked very hard to complete the new FRS Internet website. The idea was born already more than 18 months ago but it took a while before realizing the job. When logging in, one will discover that FRS has something to offer...a wealth of info is to be read. We really have concentrated on providing as much information as possible and I must honestly say we have succeeded in reaching this goal! If you have a modem: just take a look yourself on the World Wide Web! < http://www.tip.nl/users/joop.ter.zee/index.htm > is the place to be... So far we received many positive remarks regarding the FRS website. I'm sure that 's because there is so much varied info!

The coming months will be busy ones because no less than 4 regular scheduled broadcasts are planned till the end of this year. That means FRSH is very active, certainly more active than in recent years. FRS listeners will benefit from this 'cause you will hear four longer 3rd Sunday broadcasts with the best in music and the most information. FRS-Holland is alive and kicking!!

I hope to welcome you next Sunday on 48 metres. Don't miss the October 20th broadcast, as always it will be a special broadcast with hopefully also your personal participation!

73'

Peter

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## SULTURUS!

The SIO's are for the UK and the continent respectively. In case there's no SIO at all listed, the station was *only* logged in Scandinavia. SW addresses are to be found elsewhere in this column. In this issue we cover the period Saturday June 8th- Sun Sept. 15th 1996. A few remarks: some of the loggings already appeared in FRSGDX 140 but are now completed. In case a date is marked with a <\*> it does mean that those logs <u>aren't</u> complete!! In such case we try to publish the complete list in a next edition.

#### SUNDAY JUNE 9th 1996

Laser Hot Hits	6235	12.34	-3	333
Jolly Roger	6235	13.27	3	333

#### **SATURDAY JUNE 15th 1996**

Subterr.Sounds	3920	23.57		444
Red King	3927	23.54		444
Borderhunter	3927	23.57		554
Starshine	3928	23.53	_	333
Casablanca	3955	20.34	_	444
Free Speech	6955	23.45	_	121
Rock-it	7125	11.24		444
Europe	7303	15.02	_	433

#### SUNDAY JUNE 16th 1996

Select	3911	08.09	_	443
Subterr.Sounds	3920	00.10	_	444
Red King	3927	00.12		444
WMS	3927	00.21	_	433
Borderhunter	3927	00.24	_	554
Live Wire	3927	00.32	_	544
Starshine	3927	00.10	_	343
Pandora	6200	08.12	<u> </u>	333
Caroline (Fr.)	6207	08.15	_	333
Free London	6210	07.10	_	222
Zanzibar	6213	09.57	_	222
Jolly Roger	6220	08.11	_	232
Laser Hot Hits	6220	10.47	_	333
Speranza	6232	10.22	_	222
Britain	6235	10.45	_	333
Perfekt	6241	09.02	<u>-</u>	333
Ozone	6250	10.21	_	333
Dr.Tim	6250	08.23		332
Unid	6255	09.11	_	322
Transatlantic	6260	09.00	_	232
Coroner	6260	09.05	_	232
Speedwing	6260	09.10	-	222
UK Radio	6266	09.39	) <u>u</u> d	232
Crazy wave	6268	10.18	_	232
Unid	6278	09.05		232
Mirage	6280	08.15		222
Horizon	6287	09.16	N-CO	433
Partial India	6955	00.00	_	222

Unid	6955	00.31	_	222
WMON	6955	00.46	N_496	121
Unid	6955	01.24		232
Mystery	6955	01.57	20. <u>L</u> 99	121
R. Maria	7140	08.45		322
Europe	7303	09.00	: <u>-</u> -	444
Flamingo	7380	09.10		232
Lipstick	7380	09.55	r i <u>de</u> n	232
Unid	7465	08.08	_	443
Wrekin' Radio	12265	09.30	10 <u>1</u> 2 10	333

#### SATURDAY JUNE 22nd 1996

Sub. Sounds	3920	00.00	_	444
Albatros	3922	23.57	_	343
Borderhunter	3927	21.30		343
Grensjager	3927	23.05	// <u></u>	-3
IMR	3927	23.27	_	-2
Live Wire	3927	23.50	15	554
Sierra Foxtrott	3927	23.53		333
Magic Spell	3927	23.55		444
Borderhunter	3935	21.44	_	-4
Pacman	3945	23.02	_	-4
Armadillo	3947	00.35	_	322
Marabu	3945	20.01	_	4
SWRS	3955	21.00	_	-4
Rock-it	3955	23.0		-5
Unid	6210	22.30	_	-1
UK Radio	6266	12.25	_	232
Unid (RFL?)	6275	22.30	_	-3
One Voice R.	6955	00.27	_	242
KAOS	6955	03.15		-2
Mystery Radio	6955	03.46		2
Rock-it	7125	11.24	_	444
Europe	7303	07.05	_	433
Marabu	7303	12.22	_	444
Montecarlo	7500	08.05	_	-2

#### SUNDAY JUNE 23rd 1996

Delmare	3915	00.03	_	554
Grensjager	3920	01.20		-4
Live Wire	3922	01.00		554
Albatros	3922	00.43		444
Red King	3922	01.28		-3
Driland	3922	21.25	_	-3
Sierra Foxtrott	3923	00.48		322
IMR	3927	00.00	_	242
Borderhunter	3927	00.09	1	554
Live Wire	3927	00.22		554
Magic Spell	3927	00.35	_	444
Delmare	3927	00.50	_	554
Pacman	3945	00.03	_	444
Rock-it	3955	20.00	40	-3
Free Radio Info	3985	16.00	_	-3
Rok-it	3985	18.00		-3
Tonair	6200	08.52	_	353
Caroline (Fr.)	6207	07.20	1	333
WMR	6210	00.30		242
Jolly Roger	6220	08.05	_	-3
Britain Radio	6220	12.59	_	253
Britain Radio	6223	09.35	_	-2

Unid	6230	08.23	9-1	-3
Isabella	6235	09.25		-3
Isabella	6237	11.40	_	-3
Benelux	6245	08.15		243
Torenvalk	6249	12.23	_	-4
Isabella	6250	08.15	-	-3
Ozone	6250	09.54	_	-2
Dr.Tim	6251	12.23		-3
Unid	6255	09.15	_	-2
CWR	6260	08.15	-	-3
Seedorf	6260	12.37		-4
Torenvalk	6260	12.53	-	-4
Unid	6263	12.48		-4
Unid	6265	08.38		-3
UK Radio	6265	09.35	_	-2
Unid	6270	08.55	_	343
RFL	6275	08.20	_	232
Microdot Radio	6280	08.28	_	-4
Communication	6285	09.48	<u> </u>	-4
Horizon?	6298	08.20		443
Blauwe Ster	6300	07.55	_	-4
EMR	6303	08.54		243
Unid	6307	14.50	_	-3
Benelux	6399	11.50		-4
Torenvalk	6400	10.00		243
Unid	6955	01.50		-1
Unid (USA)	6955	04.38		242
Marabu	7303	08.48	_	-3
Europe	7303	08.50		-3
BRI	7360	14.24		-3
Amazonia	7380	08.30	-	-3
PRRS	7380	09.30		-3
Unid	7425	09.01	_	-4
ABC Radio	7570	08.00	_	454
Wrekin' Radio	12265	07.45	_	343

#### SATURDAY JUNE 29th 1996

IMR/TBS	3910	22.05	-	453
Transatlantic	3910	22.50	_	453
Transatlantic?	3920	22.49	_	-3
Transatlantic	3925	23.00	_	-3
Starshine	3927	22.45	_	353
WMS	3927	23.45	_	-3
Radio City	3936	23.35		-2
Starshine	3940	21.02		-3
R.Free London	3945	22.10		343
Free Radio Info	3955	20.40	_	-4
Radiorama R.	3985	16.00		-4
Dr. Tim?	6250	21.50	_	333
Starclub	6270	19.32	_	333
Cazy Wave	6289	21.37	_	443
Perkekt	6941	20.30	_	3
Dr.Tim	6250	20.25	_	333
Star Club	6271	20.10	<u> </u>	333
Crazy Wave	6289	22.22		443
Rock-it	7125	07.45	_	-4
Radiorama	7125	12.00	-	2
Monte Carlo	7500	07.30	_	-3



SUNDA	Y JUN	E 30th 1	996		Live Wire WMS	3927 3927	00.14 00.40	_	453 -2	Pandora Lowland	6280 6285	09.07 09.21	=	-3 -3
T 10	2010	00.10							454	Blue Star	6288	07.55		-4
Blackbeard?	3912	09.10	-	4	Borderhunter	3927	00.46				6289	00.40	_	-3
Rode Koning	3920	09.23	-	-3	Joystick	3985	15.09	_	3	Blue Star	6298	07.47		-4
Albatross	3924	00.58	-	-2	Sunshine	3985	16.00	-	-3	Horizon			_	
Borderhunter	3927	21.15	-	443	Rock-it	3985	22.00	-	-4	Blackbeard		10.40	-4	_
WMS	3927	00.00	-	4	Caroline (Fr.)	6205	09.15	-	243	WREC (?)	6955	02.20		-2
Albatross	3932	01.05	_	-2	Free London	6209	08.46	_	243	Playdx	7303	09.55	-	2
Starshine R.	3936	00.10	_	-4	Unid	6225	09.16	-	3	ABC Denmark		08.00		4
R.Free London	3945	00.12	_	4	Britain Radio	6230	09.50	_	-3	Wrekin' Radio	12265	08.18	-	-3
Unid	3952	00.48	_	-2	Unid	6238	08.59	_	242					
IRRS	3955	21.40	_	3	Benelux	6242	08.13		-2	SATURDA	Y JUI	Y 20th	1996	
Joystick	3985	15.10		2	Perfekt	6245	12.55	_	-4					
RTN	3985	16.00	_	2	Star Club	6250	09.30	_	3	Mariquita	3925	20.07	_	433
Caroline (Fr.)	6205	06.51	_	243	Level 48	6250	11.25	_	-4	Albatros	3930	23.07		333
Laser Hot Hits		09.26		333	Unid	6251	08.26	_	243	WMS	3933	23.55	_	433
Free London?		00.02		-3	Dr.Tim		12.21	_	3	Starshine	3934	22.30	_	333
			_	-2	Benelux		12.26		4	JImmy		23.06	_	444
Jolly Roger?	6235	07.05	_						3	Int.Music Radio	3940	22.47	_	444
Jolly Roger	6238	07.48	-	-3	Antje		12.26	_			3944	22.33		444
Laser Hot Hits		11.06	-	343	Brigitte	6254		-	2	Pacman		SOUTH TO SERVICE STATE OF THE		
Unid	6250	11.45	-	2	Crazy Wave	6260	00.40	_	333	Int.Music Radio	3945	22.30	-	333
TBS	6260	08.50	-	333	Perfekt	6277	11.43	-	2	WMS	3945	23.14	_	333
CWR	6260	08.54	_	343	Blue Star	6298	00.43	-	343	Josonic Sound	3955	20.00	-	-3
Transatlantic	6262	08.58	-	344	Blue Star	6300			443	J.Reutlingen	3955	21.00	-	3
Starclub	6270	07.16	_	3	Europe/Marabu	7303	07.45	-	2	Horizont 92.9	3985	18.00	-	4
Perfekt	6270	11.44		1	ABC Denmark	7570	08.00		3	Free London	6210	19.00	-	444
Isabella	6271	13.00		253	Wrekin' Radio	12265	08.38	-	3	Laser Hot Hits	6238	22.36	_	443
Friday Radio	6280	08.03	_	333	City	7550	11.14	_	243	Jolly Roger (?)	6238	23.49	_	4
Amazonia	6280	08.31	_	243						Unid	6260	01.00		4
Pnadora	6280	09.12	_	3	SATURDA	AY III	LV 13th	1996	5	UK Radio	6266	09.37	_	3
Horizon	6298	07.05	_	343	SHICKE	11,00	D1 100	1,,,		Star Club	6270	19.10		333
Partial India	6955	01.29		-2	Unid	3022	22.35		3	Horizon	6299	13.30	_	-3
	7380	09.15		-2	Borderhunter	3927		_	3	WRRN (USA!!)	6955	23.58		121
Unid		10.53	-	-2 -3	RFL	3945	20.00	_	3	Rock-it	7125	07.30	_	-4
City	7560	10.55		>	KFL.							07.50		
the Control of the Co	7570									ROCK-II	1123			
ABC Denmark		08.05	_	-4	Joystick	3955	20.00	_	-4					
ABC Denmark	7570 12265		_		Joystick Sunshine	3955 3955	20.00 21.00	-	-4 -4	SUNDAY				
ABC Denmark Wrekin' Radio	12265	08.05	-1	-4	Joystick Sunshine WMR	3955 3955 6210	20.00 21.00 21.08	_	-4 -4 -2	SUNDAY	JULY	7 21st 19		
ABC Denmark	12265	08.05	-1	-4	Joystick Sunshine WMR Rock-it	3955 3955 6210 7125	20.00 21.00 21.08 07.30	-	-4 -4 -2 -3	SUNDAY Borderhunter	7 <b>JULY</b> 3927	7 <b>21st 1</b> 9	996	443
ABC Denmark Wrekin' Radio	12265	08.05 J <b>LY 6th</b>	-1	-4 -3	Joystick Sunshine WMR Rock-it Europe/Marabu	3955 3955 6210 7125 7303	20.00 21.00 21.08 07.30 09.00	-	-4 -4 -2 -3 -2	SUNDAY Borderhunter WMS	3927 3933	22.09 00.30		443 333
ABC Denmark Wrekin' Radio	12265	08.05	-1	-4	Joystick Sunshine WMR Rock-it	3955 3955 6210 7125	20.00 21.00 21.08 07.30	-	-4 -4 -2 -3	SUNDAY Borderhunter	3927 3933 3945	7 <b>21st 1</b> 9	996	443
ABC Denmark Wrekin' Radio SATURI	12265 DAY JU	08.05 J <b>LY 6th</b>	-1	-4 -3	Joystick Sunshine WMR Rock-it Europe/Marabu	3955 3955 6210 7125 7303	20.00 21.00 21.08 07.30 09.00		-4 -4 -2 -3 -2	SUNDAY Borderhunter WMS	3927 3933	22.09 00.30	996 - -	443 333
ABC Denmark Wrekin' Radio SATURI Unid	12265 DAY JU 3905	08.05  JLY 6th  23.00	- 1996 -	-4 -3	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo	3955 3955 6210 7125 7303 7500	20.00 21.00 21.08 07.30 09.00 07.30		-4 -4 -2 -3 -2	SUNDAY Borderhunter WMS Int.Music Radio	3927 3933 3945 3955 3955	22.09 00.30 00.30 20.00 21.00	996	443 333 333
ABC Denmark Wrekin' Radio SATURI Unid Meteoor Unid	3905 3920 3922	08.05  JLY 6th  23.00 23.30	- 1996 - -	-4 -3 -3 -3	Joystick Sunshine WMR Rock-it Europe/Marabu	3955 3955 6210 7125 7303 7500	20.00 21.00 21.08 07.30 09.00 07.30		-4 -4 -2 -3 -2	SUNDAY  Borderhunter  WMS  Int.Music Radio  Rock-it	3927 3933 3945 3955 3955	22.09 00.30 00.30 20.00	996	443 333 333 4
ABC Denmark Wrekin' Radio SATURI Unid Meteoor	3905 3920 3922 3930	08.05  JLY 6th  23.00 23.30 21.57 23.58	- 1996 - - -	-4 -3 -3 -3 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo	3955 3955 6210 7125 7303 7500 Y JUL	20.00 21.00 21.08 07.30 09.00 07.30		-4 -4 -2 -3 -2	SUNDAY  Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9	3927 3933 3945 3955 3955	22.09 00.30 00.30 20.00 21.00	996	443 333 333 -4 -4
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire	3905 3920 3922 3930 3927	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59	- 1996 - - -	-4 -3 -3 -3 -2 433 453	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo	3955 3955 6210 7125 7303 7500 Y JUL 3913	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1		-4 -4 -2 -3 -2 -3	SUNDAY  Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca	3927 3933 3945 3955 3955 3985	22.09 00.30 00.30 20.00 21.00 16.15	996	443 333 333 -4 -4 433
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor	3905 3920 3922 3930 3927 3927	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00	- 1996 - - -	-4 -3 -3 -3 -2 433 453 353	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920	20.00 21.00 21.08 07.30 09.00 07.30 <b>Y 14st 1</b> 08.40 07.54		-4 -4 -2 -3 -2 -3 -3 -3	SUNDAY  Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt	3927 3933 3945 3955 3955 3955 3985 6200 6201	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17	996	443 333 333 -4 -4 433 222 353
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR	3905 3920 3922 3930 3927 3927 3927 3950	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0	- 1996 - - -	-4 -3 -3 -3 -2 433 453 353 -4	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA Moonlight Unid Jimmy	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3920	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35		-4 -4 -2 -3 -2 -3 -3 -3 -4	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.)	3927 3933 3945 3955 3955 3985 6200 6201 6205	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10	996	443 333 333 -4 -4 433 222 353 333
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN	3905 3920 3922 3930 3927 3927 3950 3955	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15	- 1996 - - -	-4 -3 -3 -2 433 453 353 -4 -4	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA Moonlight Unid Jimmy Grensjager	3955 3955 6210 7125 7303 7500 <b>Y JUL</b> 3913 3920 3920 3927	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09		-4 -4 -2 -3 -2 -3 -3 -3 -4 -4	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58	996	443 333 333 -4 -4 433 222 353 333 243
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR	3905 3920 3922 3930 3927 3927 3950 3955 3985	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00	- 1996 - - - - - - - - - -	-4 -3 -3 -2 433 453 353 -4 -4 -3	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS	3955 3955 6210 7125 7303 7500 <b>Y JUL</b> 3913 3920 3920 3927 3945	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12	.996	-4 -4 -2 -3 -2 -3 -3 -4 -4 -4	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00	996	443 333 333 -4 -4 433 222 353 333 243 333
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.00	- 1996 - - -	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3920 3927 3945 3947	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22		-4 -4 -2 -3 -2 -3 -3 -3 -4 -4 -4 -4 -2	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.58	996	443 333 333 -4 -4 433 222 353 333 243 333 -2
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985 6210	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.00 21.47	- 1996 - - - - - - - - - -	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3920 3927 3945 3947 3955	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45	.996	-4 -4 -2 -3 -2 -3 -3 -3 -4 -4 -4 -4 -2 -4	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.58 10.20	996	443 333 333 -4 -4 433 222 353 333 243 333 -2 232
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985 6210 6250	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10	 1996             	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3920 3927 3945 3947 3955 3955	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00	.996	-4 -4 -2 -3 -2 -3 -3 -3 -4 -4 -4 -2 -4 -4	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.58 10.20 08.55	996	443 333 333 -4 433 222 353 333 243 333 -2 232 232
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985 6210 6250 6260	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29	- 1996 - - - - - - - - - -	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3920 3927 3945 3947 3955 3955 3985	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 15.40	.996	-4 -2 -3 -2 -3 -3 -3 -4 -4 -4 -2 -4 -2	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.58 10.20 08.55 10.33	996	443 333 333 -4 433 222 353 333 243 333 -2 232 232
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985 6210 6250 6260 6270	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24	 1996             	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -3 -3	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo  SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3920 3927 3945 3947 3955 3955 3985 3985	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 15.40 16.00	.996	-4 -2 -3 -2 -3 -3 -3 -4 -4 -4 -2 -4 -2 -2	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.58 10.20 08.55 10.33 10.10	996	443 333 333 4 433 222 353 333 243 333 2 232 232 232
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985 6210 6250 6260 6270 6298	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56	 1996             	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -3 -3 454	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR	3955 3955 6210 7125 7303 7500 <b>Y JUL</b> 3913 3920 3920 3927 3945 3945 3955 3955 3985 6210	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 15.40 16.00 06.26	.996	-4 -2 -3 -2 -3 -3 -3 -4 -4 -4 -2 -4 -2 -2 -2 -2	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.58 10.20 08.55 10.33 10.10 08.19	996	443 333 333 4 433 222 353 333 -2 232 232 232 232 -2
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub	3905 3920 3922 3930 3927 3927 3950 3955 3985 6210 6250 6260 6270 6298 6299	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40	 1996             	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -3 -3 454 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger	3955 3955 6210 7125 7303 7500 <b>Y JUL</b> 3913 3920 3920 3927 3945 3947 3955 3955 3985 6210 6238	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37	.996	-4 -4 -2 -3 -2 -3 -3 -3 -4 -4 -4 -2 -2 -2 -2 -2 -3	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256 6260	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 08.58 10.20 08.55 10.33 10.10 08.19 08.07	996	443 333 333 -4 433 222 353 333 243 232 232 232 232 232 232 232 23
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985 6210 6250 6260 6270 6298	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40 07.20		-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -3 -3 454	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR	3955 3955 6210 7125 7303 7500 <b>Y JUL</b> 3913 3920 3927 3947 3947 3955 3947 3955 3985 6210 6238 6238	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37 09.43	996	-4 -2 -3 -2 -3 -3 -3 -4 -4 -4 -2 -4 -2 -2 -2 -2	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio Level 48	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256 6260 6260	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 88.00 08.58 10.20 08.55 10.33 10.10 08.19 08.07	996	443 333 333 -4 433 222 353 333 243 232 232 232 232 232 232 232 253
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star Horizon (?)	3905 3920 3922 3930 3927 3927 3950 3955 3985 6210 6250 6260 6270 6298 6299	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40	1996	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -3 -3 454 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger	3955 3955 6210 7125 7303 7500 <b>Y JUL</b> 3913 3920 3920 3927 3945 3947 3955 3955 3985 6210 6238	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37 09.43	996	-4 -4 -2 -3 -2 -3 -3 -3 -4 -4 -4 -2 -2 -2 -2 -2 -3	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256 6260 6260	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 08.58 10.20 08.55 10.33 10.10 08.19 08.07	996	443 333 333 -4 433 222 353 333 243 232 232 232 232 232 232 232 23
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star Horizon (?) Blue Star	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985 6210 6250 6260 6270 6298 6299 6300	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40 07.20	1996	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -3 -3 454 -2 -3	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger Laser Hot Hits	3955 3955 6210 7125 7303 7500 <b>Y JUL</b> 3913 3920 3927 3947 3955 3947 3955 3955 3985 6210 6238 6238 6243	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37 09.43	996	-4 4 2 3 2 3 3 4 4 4 2 2 2 2 3 2	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio Level 48	3927 3933 3945 3955 3955 3955 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256 6260 6260 6260 6275	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 88.00 08.58 10.20 08.55 10.33 10.10 08.19 08.07	996	443 333 333 -4 433 222 353 333 243 232 232 232 232 232 232 232 253
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star Horizon (?) Blue Star WMR Rock-it	3905 3920 3922 3930 3927 3927 3950 3955 3985 6210 6250 6250 6260 6270 6298 6299 6300 6400 7125	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40 07.20 21.32	1996	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -3 -3 -2 -2 -3 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger Laser Hot Hits Ozone	3955 3955 6210 7125 7303 7500 <b>Y JUL</b> 3913 3920 3927 3947 3955 3947 3955 3985 6210 6238 6238 6243 6250	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37 09.43 10.56	996	-4 4 2 3 2 3 3 4 4 2 2 2 2 3 2 3	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio Level 48 RRPA	3927 3933 3945 3955 3955 3955 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256 6260 6260 6260 6275	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 08.58 10.20 08.55 10.33 10.10 08.19 08.07 09.49 12.32 08.09	996	443 333 333 -4 433 222 353 333 243 333 -2 232 232 232 232 232 253 5-3
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star Horizon (?) Blue Star WMR Rock-it Europe/Marabi	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985 6210 6250 6260 6270 6298 6299 6300 6400 7125 ur303	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40 07.20 21.32 07.30 07.45	1996	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -2 -3 -2 -3 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger Laser Hot Hits Ozone Marabu Gloria	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3927 3945 3947 3955 3955 3985 6210 6238 6243 6250 6255	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37 09.43 10.56 07.16 12.19	996	-4 4 2 3 2 3 4 4 4 2 2 2 3 3 3 2	SUNDAY  Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio Level 48 RRPA RRPA WRRN (USA)	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256 6260 6260 6275 6307 6955	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.05 10.20 08.55 10.20 08.55 10.20 08.19 08.07 09.49 12.32 08.09 00.12	996	443 333 333 -4 -4 433 222 353 333 243 333 -2 232 232 232 232 253 3-3 43 121
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star Horizon (?) Blue Star WMR Rock-it	3905 3920 3922 3930 3927 3927 3950 3955 3985 6210 6250 6250 6260 6270 6298 6299 6300 6400 7125	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40 07.20 21.32 07.30	1996	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -3 -2 -3 -2 -3 -2 -3	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo  SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger Laser Hot Hits Ozone Marabu Gloria Transatlantic	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3927 3945 3947 3955 3985 3985 6210 6238 6243 6250 6255 6260	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37 09.43 10.56 07.16 12.19 08.30	996	-4 -4 -2 -3 -2 -3 -3 -3 -4 -4 -4 -2 -2 -2 -3 -2 -3 -2 -3	SUNDAY  Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio Level 48 RRPA RRPA WRRN (USA) Azteca (USA)	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256 6260 6260 6260 6275 6307 6955	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.05 10.20 08.55 10.20 08.55 10.33 10.10 08.19 08.07 09.49 12.32 08.09 00.12 01.02	996	443 333 333 -4 -4 433 222 353 333 243 333 -2 232 232 232 232 253 343 121 232
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star Horizon (?) Blue Star WMR Rock-it Europe/Marabu MonteCarlo	3905 3920 3922 3930 3927 3927 3950 3955 3985 6210 6250 6260 6270 6298 6299 6300 6400 7125 47303 7500	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.00 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40 07.20 21.32 07.30 07.45 08.10	1996	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -2 -3 -2 -3 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger Laser Hot Hits Ozone Marabu Gloria Transatlantic Unid	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3927 3945 3947 3955 3985 6210 6238 6243 6250 6255 6260 6260	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 15.40 16.00 06.26 07.37 09.43 10.56 07.16 12.19 08.30 08.48	996	-4 -4 -2 -3 -2 -3 -3 -4 -4 -4 -2 -2 -2 -2 -3 -3 -3 -4	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio Level 48 RRPA RRPA RRPA WRRN (USA) Azteca (USA) KNBS (USA)	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256 6260 6260 6260 6275 6307 6955 6955	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.55 10.20 08.55 10.33 10.10 08.19 08.07 09.49 12.32 08.09 00.12 01.02 00.55	996	443 333 333 -4 -4 433 222 353 333 243 333 -2 232 232 232 232 253 343 121 232 222
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star Horizon (?) Blue Star WMR Rock-it Europe/Marabu MonteCarlo	3905 3920 3922 3930 3927 3927 3950 3955 3985 6210 6250 6260 6270 6298 6299 6300 6400 7125 47303 7500	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40 07.20 21.32 07.30 07.45	1996	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -2 -3 -2 -3 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger Laser Hot Hits Ozone Marabu Gloria Transatlantic Unid Transatlantic	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3927 3945 3947 3955 3955 3985 6210 6238 6243 6250 6255 6260 6260 6260	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37 09.43 10.56 07.16 12.19 08.30 08.48 08.28	996	-4 -4 -2 -3 -2 -3 -3 -4 -4 -4 -2 -2 -2 -2 -3 -3 -4 -3 -4 -3	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio Level 48 RRPA RRPA RRPA WRRN (USA) Azteca (USA) KNBS (USA) Europe	3927 3933 3945 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256 6260 6260 6260 6275 6307 6955 6955 6956 7303	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.55 10.33 10.10 08.19 08.07 09.49 12.32 08.09 00.12 01.02 00.55 08.00	996	443 333 333 -4 -4 433 222 353 333 243 333 -2 232 232 232 253 343 121 232 222 -3
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star Horizon (?) Blue Star WMR Rock-it Europe/Marabu MonteCarlo	3905 3920 3922 3930 3927 3927 3955 3985 6210 6250 6260 6270 6298 6299 6300 6400 7125 47303 7500	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.00 21.47 08.10 20.29 21.24 17.56 07.40 07.20 21.32 07.30 07.45 08.10  LY 7th 1	1996	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -2 -3 -3 -2 -3 -2 -3 -2 -2 -3 -2 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo  SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger Laser Hot Hits Ozone Marabu Gloria Transatlantic Unid Transatlantic Unid	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3927 3945 3945 3955 3955 3955 6210 6238 6243 6250 6255 6260 6260 6260 6265	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37 09.43 10.56 07.16 12.19 08.30 08.48 08.28 10.14	996	-4 -4 -2 -3 -2 -3 -3 -4 -4 -4 -2 -2 -2 -2 -3 -3 -4 -3 -3 -3 -3	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio Level 48 RRPA RRPA WRRN (USA) Azteca (USA) KNBS (USA) Europe Marabu	3927 3933 3945 3955 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256 6260 6260 6275 6307 6955 6955 6956 7303 7303	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.58 10.20 08.55 10.33 10.10 08.19 08.07 09.49 12.32 08.09 00.12 01.02 00.55 08.00 08.32	996	443 333 333 -4 433 222 353 333 243 333 -2 232 232 232 232 253 343 121 232 222 -3 -4
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star Horizon (?) Blue Star WMR Rock-it Europe/Marabn MonteCarlo  SUNDA	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985 6210 6250 6260 6270 6298 6299 6300 6400 7125 77303 7500 AY JUI	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40 07.20 21.32 07.30 07.45 08.10  LY 7th 1	1996	-4 -3 -3 -3 -2 433 453 353 -4 -4 -3 -3 -3 -3 -2 -3 -2 -3 -2 -2 -3 -2 -2 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo  SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger Laser Hot Hits Ozone Marabu Gloria Transatlantic Unid Transatlantic Unid UK Radio	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3927 3945 3945 3955 3955 3955 6210 6238 6243 6250 6255 6260 6260 6265 6266	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37 09.43 10.56 07.16 12.19 08.30 08.48 08.28 10.14 09.07		-4 -4 -2 -3 -2 -3 -3 -4 -4 -4 -2 -2 -2 -2 -3 -3 -4 -3 -3 -3 -2	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio Level 48 RRPA RRPA WRRN (USA) Azteca (USA) KNBS (USA) Europe Marabu ABC Denmark	3927 3933 3945 3955 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6252 6256 6260 6260 6275 6307 6955 6955 6956 7303 7303 7570	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.58 10.20 08.55 10.33 10.10 08.19 08.07 09.49 12.32 08.09 00.12 01.02 00.55 08.00 08.32 08.00	996	443 333 333 -4 -4 433 222 353 333 243 333 -2 232 232 232 253 343 121 232 222 -3
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star Horizon (?) Blue Star WMR Rock-it Europe/Marabn MonteCarlo  SUNDA	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985 6210 6250 6260 6270 6298 6300 6400 7125 47303 7500 4Y JUL 3912 3915	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40 07.20 21.32 07.30 07.45 08.10  LY 7th 1  00.39 09.12	1996	-4 -3 -3 -2 433 453 353 -4 -4 -3 -3 -3 -3 -3 -2 -3 -2 -3 -2 -3 -2 -2 -3 -2 -3 -2 -2 -3 -2 -2 -3 -2 -2 -3 -2 -2 -3 -2 -2 -3 -2 -2 -3 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo  SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger Laser Hot Hits Ozone Marabu Gloria Transatlantic Unid Transatlantic Unid UK Radio Unid	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3927 3945 3945 3955 3955 3955 6210 6238 6243 6250 6255 6260 6260 6260 6265 6266 6270	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37 09.43 10.56 07.16 12.19 08.30 08.48 08.28 10.14 09.07 08.50	996	-4 -4 -2 -3 -2 -3 -3 -4 -4 -4 -2 -2 -2 -2 -3 -3 -3 -4 -3 -3 -2 -2 -2 -2	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio Level 48 RRPA RRPA WRRN (USA) Azteca (USA) KNBS (USA) Europe Marabu	3927 3933 3945 3955 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6256 6260 6260 6275 6307 6955 6955 6956 7303 7303	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.58 10.20 08.55 10.33 10.10 08.19 08.07 09.49 12.32 08.09 00.12 01.02 00.55 08.00 08.32 08.00	996	443 333 333 -4 433 222 353 333 243 333 -2 232 232 232 232 253 343 121 232 222 -3 -4
ABC Denmark Wrekin' Radio  SATURI  Unid Meteoor Unid Meteoor (?) Live Wire Meteoor IMR RTN IMR RTN Free London Marabu Crazy Wave Starclub Blue Star Horizon (?) Blue Star WMR Rock-it Europe/Marabn MonteCarlo  SUNDA	3905 3920 3922 3930 3927 3927 3950 3955 3985 3985 6210 6250 6260 6270 6298 6299 6300 6400 7125 77303 7500 AY JUI	08.05  JLY 6th  23.00 23.30 21.57 23.58 22.59 23.00 20.0 21.15 20.00 21.47 08.10 20.29 21.24 17.56 07.40 07.20 21.32 07.30 07.45 08.10  LY 7th 1	1996	-4 -3 -3 -3 -2 433 453 353 -4 -4 -3 -3 -3 -3 -2 -3 -2 -3 -2 -2 -3 -2 -2 -2	Joystick Sunshine WMR Rock-it Europe/Marabu Monte Carlo  SUNDA  Moonlight Unid Jimmy Grensjager WMS Armadillo Rock-it Horizont 92.9 Josonic Sound Jugend Radio WMR Jolly Roger Laser Hot Hits Ozone Marabu Gloria Transatlantic Unid Transatlantic Unid UK Radio	3955 3955 6210 7125 7303 7500 Y JUL 3913 3920 3927 3945 3945 3955 3955 3955 6210 6238 6243 6250 6260 6260 6260 6260 6265 6266 6270 6275	20.00 21.00 21.08 07.30 09.00 07.30 Y 14st 1 08.40 07.54 08.35 00.09 00.12 22.22 20.45 21.00 16.00 06.26 07.37 09.43 10.56 07.16 12.19 08.30 08.48 08.28 10.14 09.07 08.50		-4 -4 -2 -3 -2 -3 -3 -4 -4 -4 -2 -2 -2 -2 -3 -3 -4 -3 -3 -3 -2	Borderhunter WMS Int.Music Radio Rock-it Horizon 92.9 Casablanca Unid Perfekt Caroline (Fr.) Perfekt R.Free London Jolly Roger Laser Hot Hits Star Club Ozone Mistero Unid Int.Music Radio Level 48 RRPA RRPA WRRN (USA) Azteca (USA) KNBS (USA) Europe Marabu ABC Denmark	3927 3933 3945 3955 3955 3955 3985 6200 6201 6205 6206 6210 6237 6238 6241 6243 6252 6252 6256 6260 6260 6275 6307 6955 6955 6956 7303 7303 7570	22.09 00.30 00.30 20.00 21.00 16.15 10.20 09.17 08.10 11.58 08.00 08.58 10.20 08.55 10.33 10.10 08.19 08.07 09.49 12.32 08.09 00.12 01.02 00.55 08.00 08.32 08.00	996	443 333 333 -4 433 222 353 333 243 333 -2 232 232 232 232 253 343 121 232 222 -3 -4



SATURDAY JULY	27th 1996
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Level 48/WMR	3920	20.59	_	444
Level 48/PFBS	3925	21.02	_	444
Level 48/SWR	3925	22.08	_	544
Level 48/TBS	3933	21.03	_	433
Level 48/SWR	3940	21.55		544
Speedwing	3945	19.41	_	433
Free London	3945	20.17		333
Casablanca	3955	20.12	_	433
SWR Switz.	3955	21.00	_	433
FRS Holland	6275	20.55	_	333
Weekend M.R.	6400	21.20		333
Rock-it	7125	08.17	100	444
Europe	7303	08.09		-3
R.Internat.	7500	07.43	XIII-9	-4

#### SUNDAY JULY 28th 1996

Borderhunter	3920	21.54	<u></u> b	-4
IMR	3922	21.20	_	3
Red King	3926	23.05	3	_
Borderhunter	3927	21.28	_	443
Int.Music R.	3927	22.41	_	454
Communicat.	3927	23.08		-3
Meteoor	3928	22.30	_	-3
TAR/TBS	3931	21.00		-3
TAR	3940	17.00		2
IMR	3940	20.30		3
Torenvalk	3940	20.30	_	4
TAR/TBS	3940	21.40		4
Rock-it	3955	20.00	6	4
Lipstick	3955	20.01		-4
Casablanca	3955	21.00		-4
Casablanca	3985	16.02		-3
Caroline (Fr.)	6207	07.42		333
Laser Hot Hits	6220	10.02	222	333
			222	
Communicat.	6231	09.50	_	343
Jolly Roger	6238	09.10		232
Britain	6238	10.06	_	-2
Pacman	6238	10.08	- 13	253
Unid	6240	08.35		-2
Ozone	6243	09.40	444	232
Free London	6245	09.30	_	222
Level 48/WMR		10.05	_	444
Level 48/SWR	6250	08.47	-	343
Marabu	6250	10.05	_	-2
Unid	6253	08.11	_	333
Level 48/Fusion	16254	11.10	-	333
Brigitte	6257	08.14	_	322
Level /Speedw.	6260	07.43	_	343
Level 48/TBS	6261	11.15	لمكما	444
Level 48/RFL	6261	11.13	_	232
Level /Torenv	6261	11.30	_	-3
Level /Tonair	6261	08.54		333
UK Radio	6266	08.30		333
FRS -Holland	6275	07.40	_	343
Sunshine	6281	08.10		333
Pandora	6281	10.11		333
Joystick	6281	11.16		333
Unid	6283	10.00	-	333
		12.58	-	242
Level 48/Benel			444	
IMR/Sparks	6295	09.30		232
Unid	6307	18.15	-	-3
WMR	6401	09.05	-	333
Unid	6953	02.13		-2
WMR (via US)	6955	00.23	_	232

6055	01.08		232
~,			
			121
7303	09.48	-	444
7303	11.40	_	444
7570	08.00	_	-4
	6955 7303 7303	6955 01.08 6955 01.58 7303 09.48 7303 11.40 7570 08.00	6955 01.58 — 7303 09.48 — 7303 11.40 —

#### SATURDAY AUGUST 3rd 1996

Starshine	3927	22.25	-2	422
Pacman	3945	20.10		-4
Int.Music Radio	3945	21.56		222
Armadillo	3947	00.45	_	333
Lipstick	3955	20.07		-4
Christ. BCers	6199	09.19	_	333
Laser Hot Hits	6238	09.15		333
Marabu	6250	09.15	_	443
Free London	6401	22.30		433
WARR (USA)	6955	00.01	_	222
Rock-it	7125	11.45		222
St.Sperimentale	7500	11.50	_	333

#### SUNDAY AUGUST 4th 1996

SUNDAT	AUGU	51 4th 1	. 220	
Unid	3920	08.56		-3
Live Wire	3925	00.53		-3
Radio USA	3925	02.03	_	-3
Delta	3925	02.15	_	-3
Unid	3935	22.51		343
TAR	3940	19.40	_	3
Pacman	3944	21.45	_	3
Rock-it	3955	20.00	_	3
Horizont 92,9	3955	21.00	_	3
Christ. BCers	6199	09.20		333
Caroline (Fr.)	6207	09.00	_	433
Perfekt	6216	09.33	_	243
Britain	6220	11.46	232	_
DLR 106	6226	09.30		422
Jolly Roger	6235	09.14	_	2
Jolly Roger	6238	08.53	444	
Laser Hot Hits	6238	10.14	444	
Unid	6241	08.23	_ :	253
Mistero	6252	09.17	_	232
Ozone	6253	08.56	_	333
Unid	6256	09.30		152
Marabu	6258	09.00	_	142
Mistero	6260	09.16	_	232
Transatlantic	6261	08.20	_	444
UK Radio	6266	09.10	_	333
Driland	6282	09.32	_	222
Perfekt	6283	09.32		-2
East Coast Com.	6288	09.46	_	2
Delta	6290	09.45	_	333
RRPA	6308	08.21	_	333
EMR	6308	11.38	_	322
Free London	6401	09.20	-	433
Voice of Rock	6950	23.52	_	121
Voice of Helium	6955	00.01	_	222
Alan Masyga Pr.	6955	00.45	333	222
Marabu	7303	09.22	_	333
City	7491	09.30	_	1
Internazionale	7500	15.50	_	332
ABC Denmark	7570	08.04	_	4

#### SATURDAY AUGUST 10th 1996

Subterr.Sounds	3920	00.00	_	433
Mariquita	3925	00.00	_	333

3945	23.15	_	-3
3955	20.00	_	3
3955	21.01	_	3
6250	21.35	_	-3
6270	21.55	_	-2
6306	04.55	_	443
6950	00.51	_	242
6955	00.20	_	121
6955	00.58	_	232
6955	23.31	_	232
7125	07.36	_	-3
7500	12.17	_	-2
	3955 3955 6250 6270 6306 6950 6955 6955 6955 7125	3955 20.00 3955 21.01 6250 21.35 6270 21.55 6306 04.55 6950 00.51 6955 00.20 6955 00.58 6955 23.31 7125 07.36	3955     20.00     —       3955     21.01     —       6250     21.35     —       6270     21.55     —       6306     04.55     —       6950     00.51     —       6955     00.20     —       6955     23.31     —       7125     07.36     —

#### SUNDAY AUGUST 11th 1006

SUNDAY AUG	UST 1	lth 199	6	
Mariquita?	3925	07.26	_	-2
Red King	3930	20.55	_	-4
Select	3935	20.20	_	-3
TBS	3940	20.00		-3
Powerplay	3942	20.16	_	-3
Free London	3945	00.15	_	444
Speedwing	3945	09.05	_	-3
IMR	3945	20.50	_	-3
Rock-it	3955	20.00	_	-4
Horizont 92,9	3955	21.00	<u> </u>	-4
Unid	3985	16.03		222
Unid	6199	09.20		2
Caroline (Fr.)	6205	09.40	_	3
Easy Radio	6209	12.30	-2	232
Unid	6210	08.32	_	-1
Gloria	6210	11.53	-2	232
DLR	6220	08.00		232
Laser Hot Hits	6220	08.28	_	-2
Unid	6220	09.15	-	3
Britain	6236	09.20		333
Jolly Roger	6237	09.05	_	2
Marabu	6250	01.15	_	232
Benelux	6258	10.42	_	-4
Crazy Wave	6260	00.26	_	343
Brigitte	6260	10.32	_	2
Benelux	6260	10.46		333
UK Radio	6266	09.00	_	232
Black Fire	6270	09.35		333
Tirana (spoof)	6270	09.45	_	332
Star Club	6270	11.00	_	3
Dr.Tim (?)	6270	11.15	_	-3
Unid	6278	12.21	_	544
Sunshine	6280	08.10	_	333
Friday Radio	6280	11.00	_	-3
Pandora	6280	11.10	-	4
FRS-Holland	6289	00.30	-	232
Ozone	6296	12.16	3	433
WMR	6297	10.30	2	232
Unid	6298	09.15	_	-3
Ozone	6303	09.02	-4	444
Free London	6400	08.35	_	-2
WMR	6401	00.10	-	232
UYSR (USA)	6955	00.16	-	232
KTLA (USA)	6955	00.25	-	232
WPRS	6955	01.08	-	121
Britain	7360	09.20	-	433
IMR	7380	09.25	_	2
Onda Caliente	7430	08.20	-	-2
Internazionale	7500	09.30	elave	333
ABC Denmark	7570	10.05	_	5
Waves	11401	07.15	3.00	2

#### TRS GOES DX



SATURDA	YAUC	SUST 17	th 19	96	Unid	3913		_	3	Daiwa	3928	10.15		3
				Bell I	Korak	3927	00.20		3	Unid	3938	16.12	-	3
WLIS	3910	21.59	_	343	Armadillo?	3927	01.15	_	2	Jimmy		19.24	_	-3
Pacman	3913	23.40	_	4	Free London	3945	00.20		4	Select	3938	19.27	-	-3
Mariquita	3925	00.00	_	333	Rock-it	3955	20.00		-3	Unid	3938	11.00	1	3
Marabu	3925	21.37	_	232	Radiorama	3955	21.00	-	-3	Free London	3945	00.00	-	-2
Live Wire	3927	22.59	-	444	Sparks	3985	15.00	1 <del>-</del>	2	Rock-it	3955	20.30		-3
Boomerang	3938	20.30	_	-4	U.C.B.	6200	07.50		232	Horizon	3955	21.00	Windows	-2
Jimmy	3938	22.59	-	433	Caroline (Fr.)	6206	07.45	<del>-</del>	333	SWR Switzerl.		15.00	0.00	-3
Select	3940	22.53	_	343	Easy Radio	6209	10.18		-3	Joystick	3985	15.01	<del>-</del> -	-3
Free London	3945	21.00	_	333	Unid	6210	11.20	-	-4	Caroline		07.30	-	-3
Parks	3955	20.30	_	4	Dr.Tim		09.40		444	Jolly Roger		07.55	-	-2
UK Radio	6266	08.55	-	232	Perfekt	6217	08.27		222	Laser Hot Hits	6235	09.05		-3
Titanic	6290	23.56	-	443	Unid	6220	09.10		-3	Jolly Roger	6237	07.49	-	3
Blue Star	6302	21.11	-	444	Laser Hot Hits	6220	11.05		-3	Tonair		10.01	-	3
Free London	6401	07.50	_	333	Jolly Roger	6237	07.49		2	Benelux	6245	08.22	-	3
Sparks (via US	)6950	23.26	_	242	Britain Radio		12.10	_	232	Ozone		10.18	-	2
City (?)	6953	23.19	_	222	Unid	6238			1	Brigitte	6256	09.58	-	2
WLIS (USA)	6955	23.11	-	222	Unid (Marabu?)		09.10		222	Benelux		11.56	_	3
KIRK (USA)	6955	23.35	_	222	Ozone		09.51		3	Unid	6260	08.22	-	-3
Rock-it	7125	11.32	_	232	rel. ABC Dublin	6256	11.29	_	232	Coroner		09.25	=	-2
Free London	7472	07.50	_	333	CLCG	6260	09.05	u=	222	Transatlantic	6261	08.15	-	4
					UK Radio	6266	09.10	-	2	UK Radio	6266	09.20	-	2
SUNDAY	AUGI	JST 18th	1990	6	Pandora	6280	08.06	-6	333	Dr.Tim	6270	09.06	_	-3
					E.M.R.	6295	11.28		433	Tonair	6270	11.01	-	-3
Test Pirate	3927	00.30	_	444	Horizon	6300	12.21	21	333	Benelux	6270	11.09		-3
Live Wire	3927	00.37		444	Free London	6400	07.55		232	Pacman	6279	09.09	_	3
Albatros	3928	21.25		2	I.M.R.	6950			322	Kom op de Band		09.37	_	-4
Driland	3932	20.40	_	3	Titanic	6955			222	Unid		10.21		3
TAR	3940	19.30		-2	Stardust	7380	09.07		-3	Brigitte	6281	11.05		-2
IMR	3940	19.30	_	2	Pirate RRS	7380	09.29		-3	Torenvalk		10.45		2
Free London	3945	00.15	_	333	Flamingo	7380	09.31	_	-3	Unid		09.24	_	2
	3946	00.13		555	Internazionale	7500	09.15		333	Torenvalk		09.49	_	3
Delta				232	ABC Denmark				-3			08.25	-	2
Christ. BCers Caroline (Fr.)	6199 6207	07.55 07.55	_	333	ABC Delilliark	1310	10.40	-	3	Unid Torenvalk			_	-3
L aroune (Hr.)	0/11/													
					CATTIONAL	7 4 110	TIOT 01	. 100	_		6288	10.58		100
Easy Radio	6209	14.28	-	232	SATURDAY	AUG	UST 31	st 199	6	Unid	6290	11.10	_	2
Easy Radio Jolly Roger	6209 6238	14.28 10.19	_	232 232	\$20.00 -00.00				JG -	Unid EMR	6290 6290	11.10 08.25	<u> </u>	-2 -4
Easy Radio Jolly Roger Unid	6209 6238 6250	14.28 10.19 09.37	9 — 1 — 1 1 — 0	232 232 232	I.M.R.	3898	21.07	8 106 9 <del>2</del> 08	2	Unid EMR J.A.N.	6290 6290 6290	11.10 08.25 08.31		2 4 3
Easy Radio Jolly Roger Unid UK Radio	6209 6238 6250 6266	14.28 10.19 09.37 09.35		232 232 232 232	I.M.R. Flamingo	3898 3898	21.07 22.15	801 S 90 <del>2</del> Y 80 <del>2</del> Y	2 3	Unid EMR J.A.N. Torenvalk	6290 6290 6290 6290	11.10 08.25 08.31 09.45		2 4 3 3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim	6209 6238 6250 6266 6270	14.28 10.19 09.37 09.35 09.00	9 — 1 — 1 1 — 0	232 232 232 232 -2	I.M.R. Flamingo PRRS	3898 3898 3898	21.07 22.15 23.02	801 S 90 <del>2</del> Y 80 <del>2</del> Y	2 3 3	Unid EMR J.A.N. Torenvalk Torenvalk	6290 6290 6290 6290 6290	11.10 08.25 08.31 09.45 09.33		-2 -4 -3 -3 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic	6209 6238 6250 6266 6270 6290	14.28 10.19 09.37 09.35 09.00 00.00		232 232 232 232 232 -2 443	I.M.R. Flamingo PRRS CLCG	3898 3898 3898 3920	21.07 22.15 23.02 21.09	8 106 y <del>2</del> 0g y <del>2</del> 0g y <del>2</del> 0g y <del>2</del> 0g w <del>2</del> 1g	2 3 3	Unid EMR J.A.N. Torenvalk Torenvalk Unid	6290 6290 6290 6290 6290 6293	11.10 08.25 08.31 09.45 09.33 08.28		-2 -4 -3 -3 -3 -2
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star	6209 6238 6250 6266 6270 6290 6302	14.28 10.19 09.37 09.35 09.00 00.00 07.45		232 232 232 232 -2 443 444	I.M.R. Flamingo PRRS CLCG Mariquita	3898 3898 3898 3920 3925	21.07 22.15 23.02 21.09 22.10	8 106 y <del>2</del> 0g y <del>2</del> 0g y <del>2</del> 0g y <del>2</del> 0g w <del>2</del> 1g	-2 -3 -3 -3 -2	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR	6290 6290 6290 6290 6290 6293 6295	11.10 08.25 08.31 09.45 09.33 08.28 08.17		-2 -4 -3 -3 -3 -2 -4
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid	6209 6238 6250 6266 6270 6290 6302 6305	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17		232 232 232 232 -2 443 444 -4	I.M.R. Flamingo PRRS CLCG Mariquita Starshien	3898 3898 3898 3920 3925 3927	21.07 22.15 23.02 21.09 22.10 22.54	001 8 y = y y = y to i = os - bi y = os - os	-2 -3 -3 -3 -2 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon	6290 6290 6290 6290 6290 6293 6295 6298	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45		-2 -4 -3 -3 -3 -2 -4 -4
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star	6209 6238 6250 6266 6270 6290 6302 6305 6401	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30		232 232 232 232 -2 443 444 -4 333	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS	3898 3898 3898 3920 3925 3927 3929	21.07 22.15 23.02 21.09 22.10 22.54 22.05	001 8 y = y y = y to i = os - bi y = os - os	-2 -3 -3 -3 -2 -3 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR	6290 6290 6290 6290 6290 6293 6295 6298 6300	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00		-2 -4 -3 -3 -3 -2 -4 -4
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15		232 232 232 232 -2 443 444 -4 333 444	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine	3898 3898 3898 3920 3925 3927 3929	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12	001 8 y = y y = y to i = os - bi y = os - os	-2 -3 -3 -3 -2 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London	6290 6290 6290 6290 6290 6293 6295 6298	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00		-2 -4 -3 -3 -3 -2 -4 -4
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30		232 232 232 232 -2 443 444 -4 333	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS	3898 3898 3898 3920 3925 3927 3929	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12	100   Si 100	-2 -3 -3 -3 -2 -3 -3 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon?	6290 6290 6290 6290 6290 6293 6295 6298 6300	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30		-2 -4 -3 -3 -3 -2 -4 -4
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 6953	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15		232 232 232 232 -2 443 444 -4 333 444	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine	3898 3898 3898 3920 3925 3927 3929 3939 3945	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12	801 S 90-7 ( 90-7 ( 101-15) 101-15	-2 -3 -3 -3 -2 -3 -3 -3 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA)	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 6953	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52		232 232 232 232 -2 443 444 -4 333 444 242	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25		-2 -3 -3 -3 -2 -3 -3 -3 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 6953 7430 7472	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35		232 232 232 232 -2 443 444 -4 333 444 242 232	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 21.05 20.30	001 A 90-7 (90-7) 90-10 -00 -00 -00 -00 -00 -00 -00	-2 -3 -3 -3 -2 -3 -3 -3 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA)	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6953 6956	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -1
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 6953 7430 7472	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39		232 232 232 232 -2 443 444 -4 333 444 242 232 333	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 3985	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 21.05 20.30 16.00		2 3 3 3 2 3 3 3 3 3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6953 6956 7380	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30		-2 -4 -3 -3 -2 -4 -4 -4 -3 -3 -1 -1
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale	6209 6238 6250 6266 6270 6302 6305 6401 6953 6953 7430 7472 7500	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 3985 6235	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 21.05 20.30 16.00 15.50		-2 -3 -3 -3 -2 -3 -3 -3 -3 -3 -3 -4 -2 -1	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6953 6956 7380 7380	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30 09.05		-2 -4 -3 -3 -2 -4 -4 -4 -3 -3 -1 -1 -3 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London	6209 6238 6250 6266 6270 6302 6305 6401 6953 6953 7430 7472 7500	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 3985 6235 6266	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 21.05 20.30 16.00 15.50 15.36		-2 -3 -3 -3 -2 -3 -3 -3 -3 -3 -4 -2 -1 -2	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6956 7380 7380	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30 09.05 09.10		-2 -4 -3 -3 -2 -4 -4 -4 -3 -3 -1 -1 -3 -3 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale	6209 6238 6250 6266 6270 6302 6305 6401 6953 7430 7472 7500	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55	            	232 232 232 232 -2 443 444 -4 333 444 242 232 333 333	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 3985 6235 6266 6295	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 15.36 21.22		-2 -3 -3 -3 -2 -3 -3 -3 -3 -4 -2 -1 -2 -1	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6956 7380 7380 7430	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30 09.05 09.10 08.17		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -1 -1 -3 -3 -3 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale SATURDA	6209 6238 6250 6266 6270 6302 6305 6401 6953 6953 7430 7472 7500 3920	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 6235 6266 6295 6305	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 15.36 21.22 08.47		-2 -3 -3 -3 -2 -3 -3 -3 -3 -4 -2 -1 -2 -1	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6956 7380 7380 7430 7501	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30 09.05 09.10 08.17 07.06		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -1 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA Unid Korak	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7430 7472 7500 XY AUC	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24 21.54 22.45		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 96	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 6235 6266 6295 6305 7125	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 15.36 21.22 08.47 13.00		-2 -3 -3 -3 -2 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6956 7380 7380 7430	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30 09.05 09.10 08.17 07.06		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -1 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA Unid Korak IMR	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7430 7472 7500 <b>XY AUC</b> 3920 3927 3938	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24 21.54 22.45 22.28		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 96	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 6235 6266 6295 6305 7125	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 15.36 21.22 08.47		-2 -3 -3 -3 -2 -3 -3 -3 -3 -4 -2 -1 -2 -1 -2 -1 -3 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6956 7380 7380 7430 7501 7570	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.06 00.50 08.30 09.05 09.10 08.17 07.06 09.10		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -3 -1 -1 -3 -3 -3 -3 -3 -3 -3 -5 -1 -1 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA Unid Korak IMR Boomerang	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7430 7472 7500 XY AUC 3920 3927 3938 3938	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24 21.54 22.45 22.28 22.34		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 96	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it Europe	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 6235 6266 6295 6305 7125 7303	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 15.36 21.22 08.47 13.00 08.20		-2 -3 -3 -3 -2 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6956 7380 7380 7430 7501 7570	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.06 00.50 08.30 09.05 09.10 08.17 07.06 09.10		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -3 -1 -1 -3 -3 -3 -3 -3 -3 -3 -5 -1 -1 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA  Unid Korak IMR Boomerang Free London	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7472 7500 XY AUC 3920 3927 3938 3938 3945	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.35 07.55 GUST 24 22.45 22.28 22.34 22.00		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 96	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 6235 6266 6295 6305 7125 7303	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 15.36 21.22 08.47 13.00 08.20		-2 -3 -3 -3 -2 -3 -3 -3 -3 -4 -2 -1 -2 -1 -2 -1 -3 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6955 7380 7380 7430 7501 7570	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 09.05 09.10 09.10		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -5 -1 -1 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA  Unid Korak IMR Boomerang Free London Sparks	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7472 7500 XY AUC 3920 3927 3938 3938 3945 3955	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.35 07.55 GUST 24 22.45 22.28 22.34 22.00 20.02		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 96 232 444 333 333 322 -3	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio UK Radio Unid Horizon Rock-it Europe	3898 3898 3898 3920 3925 3927 3929 3945 3945 3945 3955 6235 6235 6266 6295 7125 7303	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 15.36 21.22 08.47 13.00 08.20		-2 -3 -3 -3 -2 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark  SATURDAY S  Live Wire Radio	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6956 7380 7380 7380 7501 7570 EPTEI	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 09.10 08.17 07.06 09.10 MBER		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -5 996
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA  Unid Korak IMR Boomerang Free London Sparks Radiorama	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7472 7500 XY AUC 3920 3927 3938 3938 3945 3955 3985	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.35 07.55 GUST 24 22.45 22.28 22.34 22.00 20.02 16.00		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 96 232 444 333 333 322 -3 2	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it Europe SUNDAY	3898 3898 3898 3920 3925 3927 3929 3945 3945 3955 6235 6235 6266 6295 7125 7303 <b>SEPT</b>	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 15.36 21.22 08.47 13.00 08.20	- - - - - - - - - - - - - - - - - - -	-2 -3 -3 -3 -2 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark  SATURDAY S  Live Wire Radio WNKR	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6953 6956 7380 7380 7430 7570 EPTEI	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 09.05 09.10 09.10 09.10 MBER		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -5 996 -4 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA  Unid Korak IMR Boomerang Free London Sparks Radiorama Jolly Roger	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7470 7500 XY AUC 3920 3927 3938 3938 3945 3955 3985 6238	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24 22.45 22.28 22.34 22.00 20.02 16.00 14.56		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 96 232 444 333 322 -3 -2 232	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it Europe SUNDAY Moonlight Select	3898 3898 3898 3920 3925 3927 3929 3939 3945 3955 3985 6236 6295 6305 7125 7303 <b>SEPT</b> 3900 3912	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 21.05 20.30 16.00 15.50 15.36 21.22 08.47 13.00 08.20 EMBEI	R 1st	-2 -3 -3 -3 -2 -3 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark  SATURDAY S  Live Wire Radio WNKR Unid	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6953 6956 7380 7380 7430 7570 EPTEI 3910 3935 3945	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 09.05 09.10 09.10 MBER 23.10 23.20 19.19		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA  Unid Korak IMR Boomerang Free London Sparks Radiorama Jolly Roger Unid	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7470 7500 XY AUC 3920 3927 3938 3938 3945 3955 3985 6238 6265	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24 22.45 22.28 22.34 22.00 20.02 16.00 14.56 15.00		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 96 232 444 333 322 -3 -2 232 -4	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it Europe SUNDAY Moonlight Select Red King	3898 3898 3898 3920 3925 3927 3929 3945 3945 3955 6236 6295 6305 7125 7303 <b>SEPT</b> 3900 3912 3913	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 21.05 21.05 21.05 21.25 20.30 15.36 21.22 08.47 13.00 08.20 EMBEI 09.07 09.13 09.20	R 1st	-2 -3 -3 -3 -3 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3 -3	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark  SATURDAY S  Live Wire Radio WNKR Unid WMR	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6953 6956 7380 7380 7430 7570 EPTEI 3910 3935 3945	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 09.05 09.10 09.10 MBER 23.10 23.20 19.19 23.20		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -4 -4 -4 -4 -4
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA  Unid Korak IMR Boomerang Free London Sparks Radiorama Jolly Roger Unid Free London	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7430 7472 7500 XY AUC 3920 3927 3938 3945 3955 3985 6238 6265 6400	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24 22.45 22.28 22.34 22.00 20.02 16.00 14.56 15.00 20.58		232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 96 232 444 333 322 -3 -2 232 -4 -3	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it Europe SUNDAY Moonlight Select Red King Moonlight	3898 3898 3898 3920 3925 3927 3929 3939 3945 3955 3985 6236 6295 6305 7125 7303 <b>SEPT</b> 3900 3912 3913 3913	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 21.05 21.05 21.05 21.22 08.47 13.00 08.20 EMBEI 09.07 09.13 09.20 09.16	R 1st	-2 -3 -3 -3 -2 -3 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3 -3 -3 -2	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark  SATURDAY S  Live Wire Radio WNKR Unid WMR Laser Hot Hits	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6953 6956 7380 7380 7430 7570 EPTEI 3910 3935 3945 6219	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30 09.10 08.17 07.06 09.10 MBER 23.10 23.20 19.19 23.20 11.00		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -4 -4 -4 -4
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA  Unid Korak IMR Boomerang Free London Sparks Radiorama Jolly Roger Unid Free London Titanic	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7430 7472 7500 XY AUC 3920 3927 3938 3938 3945 3955 3985 6238 6265 6400 6955	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24 22.45 22.28 22.34 22.00 20.02 16.00 14.56 15.00 20.58 23.39		232 232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 96 232 444 333 322 -3 -2 232 44-3 222	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it Europe SUNDAY Moonlight Select Red King Moonlight Unid	3898 3898 3898 3920 3925 3927 3929 3939 3945 3955 3985 6236 6295 6305 7125 7303 <b>SEPT</b> 3900 3912 3913 3913	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 21.05 20.30 15.50 15.36 21.22 08.47 13.00 08.20 PEMBEI 09.07 09.13 09.20 09.16 08.28	R 1st	-2 -3 -3 -3 -3 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3 -3 -3 -2 -2 -2 -2 -2 -2	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark  SATURDAY S  Live Wire Radio WNKR Unid WMR Laser Hot Hits Marabu	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6953 6956 7380 7380 7380 7570 EPTEI 3910 3935 3945 6219 6245	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30 09.05 09.10 08.17 07.06 09.10 MBER 23.10 23.20 19.19 23.20 11.00 09.00		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -4 -4 -4 -4 -4 -4 -4 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA  Unid Korak IMR Boomerang Free London Sparks Radiorama Jolly Roger Unid Free London Titanic Rock-it	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7430 7472 7500 <b>XY AUC</b> 3920 3927 3938 3938 3945 3955 3985 6238 6265 6400 6955 7125	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24 22.45 22.28 22.34 22.00 20.02 16.00 14.56 15.00 20.58 23.39 11.15		232 232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 <b>96</b> 232 444 333 332 -2 232 -4 -3 222 232	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it Europe SUNDAY Moonlight Select Red King Moonlight	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 6235 6235 6235 6305 7125 7303 <b>SEPT</b> 3900 3912 3913 3913 3921	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 21.22 08.47 13.00 08.20 PEMBEI  09.07 09.13 09.20 09.16 08.28 19.24	R 1st	-2 -3 -3 -3 -2 -3 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3 -3 -3 -2	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark  SATURDAY S  Live Wire Radio WNKR Unid WMR Laser Hot Hits	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6956 7380 7380 7430 7570 EPTEI 3910 3935 3945 6219 6245 6275	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30 09.10 08.17 07.06 09.10 <b>MBER</b> 23.10 23.20 19.19 23.20 11.00 09.00 19.17		-2 -4 -3 -3 -3 -2 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -4 -4 -4 -4
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA  Unid Korak IMR Boomerang Free London Sparks Radiorama Jolly Roger Unid Free London Titanic	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7430 7472 7500 <b>XY AUC</b> 3920 3927 3938 3938 3945 3955 3985 6238 6265 6400 6955 7125	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24 22.45 22.28 22.34 22.00 20.02 16.00 14.56 15.00 20.58 23.39		232 232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 96 232 444 333 322 -3 -2 232 44-3 222	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it Europe SUNDAY Moonlight Select Red King Moonlight Unid	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 6235 6235 6305 7125 7303 <b>SEPT</b> 3900 3912 3913 3921 3923 3925	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 21.22 08.47 13.00 08.20 PEMBEI  09.07 09.13 09.20 09.16 08.28 19.24 00.40	R 1st	-2 -3 -3 -3 -3 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3 -3 -3 -2 -2 -2 -2 -2 -2	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark  SATURDAY S  Live Wire Radio WNKR Unid WMR Laser Hot Hits Marabu	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6953 6956 7380 7380 7380 7570 EPTEI 3910 3935 3945 6219 6245	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30 09.10 08.17 07.06 09.10 <b>MBER</b> 23.10 23.20 19.19 23.20 11.00 09.00 19.17		-2 -4 -3 -3 -3 -2 -4 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -4 -4 -42
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA  Unid Korak IMR Boomerang Free London Sparks Radiorama Jolly Roger Unid Free London Titanic Rock-it	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7430 7472 7500 <b>XY AUC</b> 3920 3927 3938 3938 3945 3955 3985 6238 6265 6400 6955 7125	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24 22.45 22.28 22.34 22.00 20.02 16.00 14.56 15.00 20.58 23.39 11.15		232 232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 <b>96</b> 232 444 333 332 -2 232 -4 -3 222 232	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it Europe SUNDAY  Moonlight Select Red King Moonlight Unid CLCG	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 6235 6235 6305 7125 7303 <b>SEPT</b> 3900 3912 3913 3921 3923 3925	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 21.22 08.47 13.00 08.20 PEMBEI  09.07 09.13 09.20 09.16 08.28 19.24	R 1st	-2 -3 -3 -3 -3 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3 -3 -3 -2 -2 -2 -2 -2 -2 -2 -2 -2	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark  SATURDAY S  Live Wire Radio WNKR Unid WMR Laser Hot Hits Marabu Marabu	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6956 7380 7380 7430 7570 EPTEI 3910 3935 3945 6219 6245 6275	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30 09.10 08.17 07.06 09.10 09.10 09.10 09.10 09.10 09.10 09.10 09.10 09.10 09.10 19		-2 -4 -3 -3 -3 -2 -4 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -4 -4 -4
Easy Radio Jolly Roger Unid UK Radio Dr.Tim Titanic Blue Star Unid Free London WMR WREC (USA) Onda Caliente Free London Internazionale  SATURDA  Unid Korak IMR Boomerang Free London Sparks Radiorama Jolly Roger Unid Free London Titanic Rock-it	6209 6238 6250 6266 6270 6290 6302 6305 6401 6953 7430 7472 7500 <b>XY AUC</b> 3920 3927 3938 3938 3945 3955 3985 6238 6265 6400 6955 7125 7500	14.28 10.19 09.37 09.35 09.00 00.00 07.45 13.17 08.30 00.15 00.52 08.39 08.35 07.55 GUST 24 22.45 22.28 22.34 22.00 20.02 16.00 14.56 15.00 20.58 23.39 11.15 12.02	th 19	232 232 232 232 232 -2 443 444 -4 333 444 242 232 333 333 <b>96</b> 232 444 333 332 -2 232 -4 -3 222 232	I.M.R. Flamingo PRRS CLCG Mariquita Starshien PFBS Starshine WMR Free London IMR Radiorama Unid UK Radio Unid Horizon Rock-it Europe SUNDAY  Moonlight Select Red King Moonlight Unid CLCG Mariquita	3898 3898 3898 3920 3925 3927 3929 3939 3945 3945 3955 6235 6235 6235 6305 7125 7303 <b>SEPT</b> 3900 3912 3913 3921 3923 3925 3925	21.07 22.15 23.02 21.09 22.10 22.54 22.05 21.12 19.25 20.30 16.00 15.50 21.22 08.47 13.00 08.20 PEMBEI  09.07 09.13 09.20 09.16 08.28 19.24 00.40	R 1st	-2 -3 -3 -3 -3 -3 -3 -3 -3 -4 -2 -1 -2 -1 -4 -3 -3 -3 -2 -2 -2 -2 -2 -2 -2 -2 -2	Unid EMR J.A.N. Torenvalk Torenvalk Unid EMR Horizon Horizon? Free London WMR City Unid (USA) Privilege PRRS/IMR Radio USA Onda Caliente Internazionale ABC Denmark  SATURDAY S Live Wire Radio WNKR Unid WMR Laser Hot Hits Marabu Marabu R. Horizon	6290 6290 6290 6290 6290 6293 6295 6298 6300 6400 6953 6956 7380 7380 7380 7501 7570 EPTEI 3910 3935 3945 6219 6245 6275 6302 6400	11.10 08.25 08.31 09.45 09.33 08.28 08.17 09.45 19.00 07.30 00.00 00.46 00.50 08.30 09.10 08.17 07.06 09.10 09.10 09.10 09.10 09.10 09.10 09.10 09.10 09.10 09.10 19		-2 -4 -3 -3 -3 -2 -4 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -4 -4 -42 -4 -3



#### SUNDAY SEPTEMBER 8th 1996

Live Wire	3910	23.10	4	_
Pandora	3920	08.50	3	_
IMR	3920L	21.55		2
Borderhunter	3920L	22.10	_	2
Borderhunter	3927	21.35	_	-3
Unid	3927	23.25	3	
WMR	3945	01.06	_	343
WNKR	3945	08.55	2-	3
WMR	3945	23.00	4-	_
Radiorama	3985	16.00		-3
Caroline	6206	08.23	_	333
Unid	6219	07.15	_	2
Laser Hot Hits	6220	11.18	_	2
JRR	6238	07.55	_	2
Britain Radio	6238	10.15	3-	
Laser Hot Hits	6238	12.28		3
Kiss FM	6245	10.50	3	_
Southern MR	6255	11.07	_	-3
Ozone	6255	11.10	3-	
Marabu	6275	09.00	4	433
Unid	6290	07.15	_	4
Mistero	6295	08.58	_	4
Horizon	6296	09.18	_	444
Blue Star	6302	09.30	4-	_
Unid	6308	09.18	-	444
WMR	6400	10.10	3-	_
Radio Europe	7303	07.20	-	-4
RWI	7484	08.10	_	4
R. Internat.	7500	07.20	_	4
ABC Denmark	7570	08.37	_	545

#### SATURDAY SEPTEMBER 14th 1996

Blackbeard	3911	22.00	-3	
Starshine R.	3912	23.49		3
Starshine R.	3927	22.00	-3	3
Unid	3934	21.44	-3	3
Korak Int.	3946	23.50	9-1	-4
JRR	6238	08.30	_	-2
BRI?	6238	09.50	_	-2
UK Radio	6266	13.20		-2
Marabu	6275	21.34	_	-3
RFL	6400	22.21	2	-4
Noodle Int.	7125	07.50	-	3
R. Europe	7303U	07.00	_	_
Marabu	7303U	09.30	3000	_
R.Internat.	7500	12.40		2

#### SUNDAY SEPTEMBER 15th 1996

TAR	3910	09.12		4
Blackbeard	3912	00.04	h —	-3
Starshine R.	3912	00.05	_	-3
Albatross	3912	09.10	_	-3
Moonlight	3913	08.57	-	-3
TAR	3913	09.21	_	-3
Boomerang	3915	09.33	_	4
Starshine/Kor	ak 3927	01.12	_	3
R. Oscar	3934	08.55	_	-4
TAR	3937	08.57		-4
Unid	3945	00.25	-1	-1
Starshine	3946	01.00	_	2
IMR	3985	15.00		-4
TAR	6200	08.45	_	4
Caroline	6206	07.49	2	2

Unid	6237	08.09	-2 -2
JRR	6238	10.03	3
Breakdown	6250	09.21	1
Breakdown	6255	09.38	1
Ozone	6255	09.54	-2 -3
Unid	6260	01.15	3
CWR	6260	07.56	-3 -3
Unid	6260	11.15	3
UK Radio	6266	09.30	-2 -3
Tonair	6270	09.00	-3 -3
Marabu	6275	15.00	-3 -3
Mirage	6280	08.17	-3 -3
Titanic	6280	09.25	-3 -3
Titanic	6280	12.10	-3 -3
Orion	6290	09.37	-1 $-3$
Unid	6300	07.37	
Horizon	6301	09.15	-3 -
RFL	6400	06.56	-2 -4
Mistero	7280	08.40	4
R.Europe	7303L	J 08.14	4
R.Internat.	7500	13.01	4
R. ABC/Denm.	7570	08.05	-4 -5

#### CONDITIONS/GENERAL

Our Swedish collegue Stefan Printz reports that <u>PIRATE CONNECTION</u> has a new address: Box 4580, 203 20 Malmoe, Sweden. For the US market the address is: P.O.Box 7085, Kansas City, Missouri 64112 in the USA.

Several European stations crossed the Atlantic in the past months and were received in the USA: Weekend Music Radio, Radio Blue Star, Live Wire Radio, Radio Free London, Radio Marabu (via RFL) and last but not least FRS-Holland (via RFL and with own tx). For details just look under the station names or in FRS Newscorner (FRSH news).

In the past months the activity has been high, also in the Summer months many stations were putting out their pxs or QSOing on 76 and 48 metres.

June 16th and 30th conditions were poor on 48 metres, deep fading and long skip. 76 metres was very good however! Also 14th July and 3rd/4th August conditions were rather poor.20th/21st July weird conditions with heavy noise ruled the airwaves. All remaining Sundays conditions on 48/41 metres were fair. Conditions on 76 metres have been more stable with good reception possibilities.

#### THE 76MB REPORT

In this section also a bit of medium wave news as well. Something that has kept several people busy is the strong carrier on 3904 kHz which is always present. Jonny from SRS investigated this 'case' and with the help of the Swedish PTS he got to know that the signal is coming from the Poland-Czech border. Well done Jonny! Apart from the usual weekend activity, quite a number of stations have been heard on weekdays in recent months! In this section we do not feature all stati-

ons that have been heard in the past 3 months! You will miss a number of familiar names of stations which were indeed very active but...because there was little to report about these stations, we decided not to include them. Transatlantic Radio, Radio Meteoor, Radio Borderhunter, Sub. Sounds, WMS, Jimmy, Daiwa, Pacman...(among others) they all were heard but are not included in this newssection.

RADIO ALBATROS was using a 20W tx during a broadcast on July 20th. Frequency was 3930 \*\*\* RADIO BLACK-BEARD from the UK carried out a number of tests on AM 1636 kHz. Sept. 15th saw Blackbeard on 3912. Address is Box 220342 in D-42373 Wuppertal in Germany \*\*\* RADIO BOOMERANG is a relatively new 76 mb station which was testing on 3938 Sat Sept. 17th at 20.30 UTC. A strong signal was put out. August 24th the same frequency was in use. Address unknown! \*\*\* RADIO CLCG was relayed on 3920 Sat August 31st and on 3923 the following Sunday Sept. 1st. This broadcast was aired in the evening hours and signal quality was very good. Programme contents was worth listening to: offshore and Free Radio info was read out. Address is Box 540101, D-47151 Duisburg in Germany \*\*\* Interested in the latest edition of the Dutch (Active) Medium Wave Pirate List? For a copy you enclose 2 IRCs by writing to the DPRS (5) \*\*\* Despite a number of raids, RA-DIO DELTA RUURLO still is alive 'n' kicking. Nowadays the stations is mainly QSO-ing on 3946 putting out very strong signals. Unfortunately Delta's 48 mb rockoriented musical pxs seem to have disappeared for good \*\*\* RADIO FLA-MINGO was heard on 3898 Sat August 31st via the tx of IMR in Switzerland. Address: P.O.Box 1951, D-79554 Weil am Rhein in Germany \*\*\* New 76 mb QSOstation from the UK: FOXTROTT RA-DIO 01. It was first observed during the last June weekend \*\*\* FREE RADIO INFO received 15 reception reports for their 1995 free radio review via the tx of the IRRS. The px was aired Ssaturday June 15th 21.00-22.00 UTC on 3955. Sun June 23rd a repeat was heard on 3985 16.00-17.00 UTC. Further relays were heard Fri June 28th and Sat June 30th,

both times in the evening hours on 3955.



Correct reception reports are verified with a QSL-letter. Address is Box 520112 in D-44207 Dortmund, Germany \*\*\* Perhaps a bit confusing: HORIZONT RA-DIO, the Int. Service of the Leende-based FM station Horizont 92.9 transmits each Sunday via the IRRS Milano 21.00-21.30 UTC on 3955. Address is P.O.Box 80, 5595 ZH Leende, the Netherlands. Sun July 14th must have been the station's debute on SW! \*\*\* The 76 mb outlet of the IRRS are interfering with the Polish service of Radio France Int. The latter is jamming out the IRRS after 21.00 UTC. According to Radio Spark's OP Stevie, the BBC will be starting operations on 3955 as from Oct. 27th onwards. As a result IRRS is considering to conduct tests on 3965 \*\*\* JUGENDRADIO REUT-LINGEN, a new radio project from the southern part of Germany, claims to be broadcasting every 1st & 3rd Sunday of the month 16.00-16.30 UTC on 3985 via the tx of the IRRS in Milan, Italy. Pxs are repeated the following Friday and Sat night starting at 20.00 UTC on 3955 kHz. At that time reception in Central and Northern Europe should be fine. Address: Verein Jugendradio, Reutlingerstrasse 91, D-72800 Eningen, Germany. You can also check the station's website on the Internet: <a href="http://www.klarner.de">http://www.klarner.de</a>. As yet there's no Email address available, perhaps in the mean time the following address is (will become) available: <jugendradio@klarner-medien.com> \*\*\*In FRSGDX issue 140 we reported about Radio Universe. In actual fact this is not the correct name. RADIO JUNIFIRST- that's the right name-is a joint venture of Radio Driland, Radio Wellenbrecher, Radio Laguna, Radio Dr. Tim, SCR, Powerplay and Radio Perfekt. All of these stations are German. The station was heard on 3922 and 3926 Sat June 1st. This broadcast was aired from a site close to the Dutch-German border using the Radio Driland tx and the Wellenbrecher modulator. Address is Box 1732, D-48578 Gronau in Germany \*\*\* July 6th saw the return of Dutch station RADIO KORAK on medium wave 1570 kHz following a three week absence. The 2 hour broadcast was heard in the late evening, the reason for being off air were problems with the tx and modulator. The station-OP promised regular Sat evening trms starting at 21.30 UTC. Sun August 18th at 00.30 UTC a station calling itself "Test Pirate for the Netherlands" was heard loud and clear on 3925. Indeed it was Radio Korak preparing for a big 76 mb show in September.

That show was aired Sept. 14th on 3946. Announcements in German, English and Dutch were heard at 23.45 UTC, signal was very strong! In the mean time a new 76 mb tx is in use. Address is P.O.Box 134, 3780 BC Voorthuizen in the Netherlands \*\*\* LIVE WIRE RADIO was heard several times on 3927 with the usual strong signals. The station uses a couple of hundred of watts and that resulted in rec. reports from the eastcoast of the USA! The station which broadcasted on 3925 using the name Test and Development UK was LWR. This px went out August 4th with a power of 250W. That same night a Radio USA relay was broadcasted. Address is 64 Brighton Rd, Leicester LE5 0HA in the UK \*\*\* RADIO PAMELA popped up on 3945 following a long absence. Address is Box 35, 6027 Romerswil in Switzerland \*\*\* British RADIO PANDORA was heard on 76 metres 3920 Sun morning 8th Sept. The station's OP already stated some time ago to FRSGDX that 3.9 MHz broadcasts were in the pipeline. Earlier attempts had to be cancelled for technical reasons \*\*\* The PIRATE FREAKS BROADCASTING SERVI-CE returned on the air Saturday August 31st. At 22.00 hours UTC the station was noted on 3929 with a fair signal. The voices of David Carmichael and Pirate Andy were heard. Good to know PFBS is still active so now and then! PFBS is also part of Level 48. Address is (7) \*\*\* Scandinavian STARSHINE RADIO was heard on 3912 Sat Sept. 14th and on 3927 August 31st. Nowadays Starshine is quite irregular. Address is (1) \*\*\* RADIO TOREN-VALK was heard on 3940 Fri August 2nd. Signal-strength was very good. The station is mainly active on 48 metres. Therefore it was surprising to log the station on 3.9 MHz.Address is Box 94 in 7038 ZH Zeddam \*\*\* WEST & NORTH KENT RADIO unexpectedly returned to the airwaves on 76 metres Sat 7th Sept. The 60 minute broadcast started around midnight UK time which is 23.00 UTC and was carried out on 3935. Signalstrength was fair/good in the UK and on the continent. Sun morning 8th Sept. at 08.55 UTC saw a further short test on 3945 kHz. Both tests were done with the same tx having an output of 50W. Dave has been in semi-retirement since WNKR left Europe's airwaves but he's been keeping his hand in by doing engineering work for RFL and doing the odd programme as well \*\*\* XENON TRANS-MITTING COMPANY is now using its own 15W transmitter for use within the 76

mb. Possible frequencies are 3920 and 3945. Address is (1).

#### **SW NEWS**

All stations are listed alphabetically.

Some news from Sweden's former pirate RADIO BALTIC INT. A while ago Bengt Bengtsson from Gotland (Sweden's biggest island off the east coast) was charged for a series of illegal SW broadcasts between Spring 1994 and Spring 1995. Most of the station's output consisted of relays from Radio Nord and various German tape stations. The good news is that the OP got a community radio licence following the close down of Radio Gute. He's running a service with 20W, just a few hours a week on 91.6 FM. A nostalgic music format is being put out, a bit in the Radio Nord style. By the way: Bengt bengtsson was sentenced to pay a fine of 4500 SEK. In the mean time he has appealed against the verdict but the the court of appeal are refusing to bring up the case because in their opinion there aren't enough new circumstances. Interesting to add is that in parallel with an application to increase power on FM, Bengt has also applied for a licence on SW. He's asked PTS (which is the Swedish counterpart to the British DTI and Dutch PTT) to investigate the possibility of amateur-based domestic radio, a cheap alternative to commercial radio. Thanks to PC for this news item!

RADIO BENELUX is intending to use 7480 kHz once again. A few years ago 7480 was the station's fixed frequency. Nowadays BNL can be mostly heard in the 6245-6270 frequency range. So far nothing has been noted on 7480, so are the plans still existing? In October BNL has plans for 76 mb tests. Address is (1).

RADIO BLUE STAR is a Dutch power-house which was heard a great number of times in the past 3 months. The station mainly transmits in the 6290-6305 part of the 48 mb and many trms were in cooperation with their collegue of Radio Horizon. Sat July 6th saw a test on 6298 in the early evening hours. August 18th Blue Star transmitted all night long on 6302 and was received in the USA. Address is Box 1104, 8001 BC Zwolle in the Neth.

BRITAIN RADIO INT. celebrated its 16th birthday with special pxs on Sun June 23rd. BRI was not on th usual 6235 but

#### TRS GOES DX



instead on 6220. As the morning progressed, the 6200 signal got worse and worse and totally faded out during part of the broadcast. The 7359 41 mb outlet wasn't heard on the continent until 14.24 UTC. Trms lasted till 14.50 UTC. In the afternoon 6220 became stronger again. It's rather sad that on that Sunday of all days, conditions were very weird and unreliable. Hopefully Roger Davis received a high number of letters! BRI was also heard on 6230 July 7th and on 6238 July 28th. August 11th BRI was heard on two frequencies: 6236??7380. Sun August 25th 6235 was in use with Roger Davis reading the August Pirate Diary. Addresses: (4) and Box 53121, 1447 AC Amsterdam in the Netherlands.

RADIO CITY is a rare but interesting catch on SW nowadays. The station was heard testing on 7434 Febr. 4th and on 7483 February 25th. Both tests were carried out in the USB mode. Power is 50W fed into a half wave dipole. Unconfirmed reporst suggests it's a German station. Adress is (1). May 5th saw Radio City via Radio Pandora's facilities on 6280, May 19th 7498 was in use but only a poor signal was to be heard. June 30th City popped up on 7560 kHz, 10 kHz below Radio ABC Denmark. So far the station has had serious problems with the mod quality. The station is concentrating on an oldies format. Sept. 1st City was relayed via the WMR tx on 6952.6 testing to the USA. Address is (1).

German RADIO COMMUNICATION is putting out a greatest hits of the 1970-1990 era format. In the USA relays via the NAPRS have been taking place. Easter this year saw the station's first anniversary. According to the station's OP there is a chance the station will appear on medium wave. Power of the SW rig is said to be 10W although this seems a bit unbelievable as very strong signals have been heard a couple of times. June 23rd saw Communication testing on 6285. Signal was varying between poor and good. July 28th 6232 was in use but the frequency choice was a bit unlucky. Correct rec. reports are verified with a photo-qsl showing part of the studio. RC is looking for possibilities to get a medium wave relay. Address is (1).

RADIO CRYSTAL is a somewhat mysterious station. A number of 6278 broadcasts were observed on 6278 in recent months. Also in June Crystal continued

- 1 = P.O.Box 220342 / D-42373 WUPPERTAL / Germany
- 2 = 14 Stone Row/ COLERAINE/ Co. Londonderry/ BT52 1EP/ Northern Ireland
- 4 = P.O.Box 130/ 92504 RUEIL Cedex/ France
- 5 = 12 Dorman Rd/ PRESTON/ Lancs PR2 6AS/ England
- 7 = P.O.Box 386/ 5900 AJ VENLO/ the Netherlands
- 8 = Box 293/ Merlin/ Ontario NOP 1W0/ Canada
- 9 = 34B Drift Road/ Clanfield/ Waterlooville/ Harts POS 0JL/ England
- 10= SRS/ Östra Porten 29/ 442 54 YTTERBY/ Sweden

with irregular trms within the 48 mb. Sun June 9th a test was noted on 6303, close down was at 09.57 UTC. A week later a strong signal was heard on 6278. June 23rd the station returned to 6303. The musical output consists of oldies. No address available!

**EUROPEAN MUSIC RADIO** remains active on SW. Last February Barry Stephens reactivated the station by airing a special 30 min. show celebrating the station's 20th birthday. Eversince the station has been heard irregurlarly on different frequencies within the 48 mb. August 4th the station was noted on 6308 with a splendid signal on the continent. We must point out we are not 100% certain whether all these broadcasts are fresh shows or just old tapes from the late 70s/early 80s, the heydays of EMR. At least the 4th August one consisted of jingles, no speech etc. was heard. 1st September EMR was heard with IDs and a music mix on 6294 kHz. Signal quality was excellent. The station cannot be contacted, there's simply no mailing address available!

No doubt RADIO FREE LONDON is the most active SW station in the UK at the moment. The station which has been around since 1968 is going very strong. In July and August RFL was heard a great number of times with trms lasting 24 hours or even longer! In July all trms were carried out within the 48 mb (mostly 6210) but by the end of July it was announced RFL would be moving to "good old" 6400 kHz taking effect Sunday August 4th. 6210 was left due to complaints from listeners about QRM with French Radio Caroline. Every SW listener tuning to 6400 August 4th can confirm it was indeed RFL broadcasting on this 'new' frequency. Interesting is that RFL has started a kind of joint venture with Weekend Music Radio. Both stations are sharing 6400 with RFL broadcasts each 1st/3rd and WMR broadcasts each 2nd/4th Sunday of the month. RFL broadcasts already start Sat evenings at approx. 21.00 UTC. and last some 22 hours. In addition RFL started a 76 mb service on 3945 kHz running in prallel with 6400. Only: the 3945 tx is not in operation all

Sunday: at 08.00 UTC the tx is switched off. To mark the 28th anniversary of the first Radio Free London broadcast and the birth of Free Radio in London, RFL organized a 48 hour (!!) broadcast over the weekend of 16/17/18th August broadcasting on no less than three frequencies: 3945, 6400 and 7500 kHz. Programmes included archive recordings from some of London's best known pirate stations as well as the theme tunes they used on air, a documentary about the first Free Radio Rally held in London ith the voice of Chris Cortez who was attending this event back in 1968. It was a weekend of great radio, great records and interesting archive recordings. 7473 (20 watts)was replacing 7500 because of a new Italian station occupying the latter frequency. Reception on 6400 (40 watts) was fair, on 7473 a very clear interference-free signal was to be heard. The overnight service on 3945 was to be heard in good quality on the continent. Remarkable and at the same time a positive development is the fact that some of London's old pirate presenters came out (come out) of the wood-work in August with a view to getting back on the air on RFL. Former Radio Fax presenter Jodie has rejoined RFL on SW, formerly she was with the station when it broadcasted to London on FM.

According to RFL's Andy Walker RFL's 3945 broadcasts have been a great success with good signals and modulation heard throughout Western Europe. A listener from Moscow emailed a sinpo of 55455 August 25th and also on the eastcoast of the USA RFL was being received. 1st September RFLs 6400 was received in Moscow with a 43444 sinpo while 3945 was even stronger: 54545!! Talking of Transatlantic reception: in July and August RFL was also heard in the US on 48 metres and 6400 kHz. In addition Marabu and FRSH relays were also heard in the



USA. During the first August weekend 3945 produced a distorted modulation caused by the mod transformer, it blow later in the broadcast. The following weekend a new one was fitted and August 11th/12th RFL was back with a solid 3945 signal. The txs of RFl run at powers between 30 and 40W but by the end of October the station intends to put a 90W tx on air from a different site as it would cause interference on the current site. A back-up 50W tx is in reserve and a 120W rig should be available sometime in the (near?) future.

During the RFL 1st Sun broadcasts only oldies from the 1970s are to be heard and that format proved very popular with the listeners. As from Sun September 1st onwards Andy Walker is featuring old archive recordings of Offshore and Landbased stations as part of RFL's "70s Sunday". Also to be heard every 1st Sunday are Terry Philips, Eric May and Dave Martin. On the 3rd Sun RFL is putting out a rock/AOR format with Andy Walker, Eric May, Jodie and Terry Philips presenting the International DX-Report. Address: Box 99, 1st Floor Suite, 253 Selhurst Road, London SE25 6XT. New Email address: < rflsw@aol.com >. tel.: 378-355174 (only when the station is on air!). Some latest news: Sunday 15th Sept. RFL was planning to keep the 3945 kHz outlet on air till 11.00 UTC to see how well the signal would be heard across Europe during daylight hours. But the following story declares why this didn't happen... Andy Walker tells/explains: "It's been a weird evening (Saturday). We turned up at the site to put on our regular 3rd weekend broadcast plus a relay for Radio Marabu. The first thing I noticed was that mthe box with the mains supply was missing from its usual place at the 3945/6400 kHz outlet, and then Terry Philips came out of the bushes to tell me that the cover of the second power supply box had been removed and was laying a few feet away. We thought that someone had found the site, possibly children had come across our set-up. It turned out that the main box for 3945/6400 kHz was only a few feet away and I hadn't seen it, which was even more of a mystery? We made a decision to put on Marabu and RFL's 3945 outlet. This turned out to be a problem as we had trouble getting the mod to work on 3945, so we think there must be a fault with the transmitter. The Marabu tx was switched on and then we went of a drink (by this time it was dark). After a bit of thought we think that the disturbance may have been caused by foxes playing and could have dislodged the mains cable, we then went back to the site to put on RFL's 6400 tx. The tx is being looked at by Terry, I believe it to be a fault with the mod socket, we shall see. If everything is alright with the site and our rig, we shall amke a broadcast on 76 metres next weekend on 3920 kHz." When you read this, you may have heard RFL on 3945 in the night of 21st Sept. to 22nd Sept. Let's hope all has turned out to be ok!

Sat 14th Sept. the RFL crew had a meeting in which the station's future was being discussed. The station is thinking about adding more hours of broadcasting extending to all weekend IE: Saturday and Sunday on every 1st and 3rd weekend of the month, this will be from a new site (hopefully late October). This new site should be very good as it's not far from an old site which was used back in 1993 foe WGAS (245 feet above sea level). This will mean the parallel broadcasting broadcasting would cease and a seperate service would operate on 3945 overnight with different programming to that on 6400. Conclusion: RFL has BIG plans for the future (if they can get it together!). For the listeners it only means more fun for RFL is a station putting out excellent programmes with great music and much radio-related info!

RADIO FUSION INT. from Sweden hopes to return on SW very soon. The last time the station was active was Easter Sun on 6200 kHz. However, due to problems with the audio amplifier and a very low modulation, only a handful of reception reports were received. In the mean time all problems should be sorted out and hopefully RFI will be heard loud and clear during the next appearance on 48 metres. Keep an eye on 6200 kHz although that's not the only frequency which caan be used. The tx has a power of no less than 200W. Address is Box 411131, D-55068 Mainz in Germany.

Dutch powerhouse RADIO HORIZON uses the following address: Box 108, 7200 AC Dalfsen in the Netherlands. Radio Blue Star is a collegue station, many trms are done by both stations together. The Radio Blue Star OP owns the tx. Broadcasts take place in the 6290-6305 frequency range of the 48 mb.

<u>RADIO INTERNATIONALE</u> (=Statione Sperimentale) is a brandnew Italian private SW project which was first heard

Saturday July 27th on 7500 kHz with non-stop music. Eversince the station has been heard during weekends with remarkably good results in Western Europe. Broadcasts are emenating from a site in the North-east of Italy.Schedule: each sat 08.30-23.30 UTC, on Sundays 16.00-23.00 UTC. Email: < word@cdc.it >.

In the September info-letter of INTER-NATIONAL MUSIC RADIO-IMR-Radio the Voice of Basel the following schedules regarding IMR's broadcasts on SW:

- weekdays: 76mb around 21.00UTC with own show or relay in AM
- Saturdays: 76mb as above, time around 22.00UTC - 43mb tests to USA around 00.00UTC (not often)-mode USB/ISB
- Sundays: 41mb around 08.30UTC relays or own shows, not every Sunday!
   mode USB/AM 76mb around 2100UTC own show-mode AM/LSB

Top QRGs: 76mb (3895, 3898 and 3920kHz)/ 48mb not very often in use (QSOs)/ 43mb (6950 and 6965kHz)/ 41mb (7380kHz)/ NEW: 45mb (6670kHz in LSB mode for QSOs). Interesting are the pxs on 45 metres! (From IMR Newsletter-September 1996)

Address: Box IMR address c/o Yves, P.O. Box 1951, D-79554 Weil am Rhein, Germany. August 11th/25th 7380U was in use relaying Stardust & Flamingo, Sept. 1st Radio USA and Privilege.

A rather unique German medium wave pirate is **RADIO ISABELLA KNIEPERDOLLING** transmitting from a site near Gronau. The 20W tx is operated by a 70 year old (!) loafer and it seems the station is already active for a few years. The station puts out so-called Egerlander music. Most Sundays the station is on air between 09.00-11.00 UTC on a frequency between 1400 and 1576 kHz... No address available!

A station calling itself **RADIO ISABEL\_ LA** was heard Sun June 16th on 6244. Fri June 21st 6250 was in use and Sun June 23rd the station was monitored on 6235, 6237 and 6250. We doubt whether there's a connection between the two Isabellas! The SW station can be contacted via (1).

LEVEL 48 took to the airwaves Saturday/Sunday July 27th/28th. Several European stations are participating in this unique project led by CWR key-figure Chris



Ise. In contrast with previous broadcastss, Level 48 not only operated on various frequencies within the 48 mb but also on 76 metres (in the night of Sat to Sun). Frequencies were 3920, 3925, 3933 and 3940. On 48 metres signals were received on mainly 6250 and 6260. In addition 6254 was used by Radio Fusion Int. WMR was heard on 6250 with very good signals on the continent. Süd-West Radio, CWR & BNL were using 6250 from Germany, on 6254 Radio Fusion was on air but the mod quality was not 100%, Speedwing Radio, Transatlantic Radio, Radio Free London, Radio Torenvalk and Radio Tonair were all on 6260. The Tonair tx produced bad audio. Unfortunately some of the stations were transmitting at the same time slot whereas it was the intention that only one frequency at the same time slot would be active. Apparently a few stations went on the air at the wrong time ignoring the appointments beforehand. Remarkable: Int. Music Radio is not part of the Level 48 team but made IDs using the Level 48 name (on 6260)!

The marathon broadcast started Sat night by Pirate Andy's PFBS and WMR from SCotland followed by BNL, SWR and CWR. During the combined show of BNL, SWR and CWR a telephone number was mentioned. At least 20 callers reported excellent signals in Western Europe. The 76 mb service lasted several hours till 01.30 UTC. For this broadcast a brandnew QSL-card was designed and printed. Address is (1). Email: < level48@srs.joy.se > .

RADIO MARABU was heard with a couple of marathon trms via RFL in July (5th/6th: 6250), August (10th/11th: 6250) and the first two weekends of September. Friday Sept. 6th Marabu signed on at approx. 18.00 UTC, close down was on Sat evening. A total of six 4 hour blocks were aired on 48 metres 6275 kHz. Another 24 hour broadcast started Saturday Sept. 14th in the early evening, close down was Sunday Sept. 15th. 6275 was once again used which resulted in good reception on the continent. Previous marathon trms via RFL were to be heard on 6250 but heavy ORM made the Marabu OP decide to shift to 6275 (although 6240 was originally intended). The programme line-up during both Sept. broadcasts was:

1st hour "Gittare X Radio Show" in German with Marcel Fischer

2nd hour "Tape Department Radio Show" in English with Lord Litter from Berlin with the latest in independent cassette releases
3rd hour "Marabu-Flashback" (independent classic tracks) in German with
Marcel F. & Frank Goebel
4th hour "Dark Beat Radio Show" in German with Guenter Radermacher
Radio Marabu address is Box 1166, D-49187 Belm in Germany. Email address:
< RadioMarabu@t-online.de >. Website:
< http://www.dma.be/p/amphion/sztu-ka/marabu.html >. That is rather a

We were informed that already in March the OP of former UK-based SW pirate RADIO MERLIN INT. was seriously injured. He was hit by a car. Recovery will take a very long time. Due to his injuries, the prosecution over the alleged Merlin activities has been postponed for the time being. We wish him all the best!

RADIO MIRAGE suffered QRM from Dutch powerhouse Radio Horizon Sun June 16th. Mirage was broadcasting on 6280, Horizon was on 6285 ( drifting). Sun September 15th Mirage was back with a fine signal on 6280. Apart from a interesting Kraftwerk special, RTI qwas relayed twice that day (both times on 6280). Address is (1).

RADIO MISTERO, the Italian SW pirate, was heard Sun Sept. 15th and 22nd between 08.30-09.30 UTC on 7280 kHz. Signal-strength was excellent. In August Mistero also operated a number of 48 mb frequencies, mostly with poor signals. The station IDs with "Radio Mistero Ghost Planet". No mailing address is announced.

Strange catch: RADIO MONTE CARLO was to be heard on 7500 Sat June 22nd. June 29th RM was heard all day with a poor signal. It concerns a SW relay of RM's FM service. Also in the past few months irregular broadcasts were observed on this frequency. It remains a mystery which station is responsible for these broadcasts.

RADIO MOUSEHUNTER which was operating on Whit Sunday was a spoof station operated by the Radio Torenvalk OP. On no less than 3 frequencies- 6207, 6250 & 6300- different pxs were aired. Address is Box 94 in 7038 ZH Zeddam, the Netherlands.

Preparations are going on to start a new station using the name <u>NORTHERN EU-ROPEAN RADIO RELAY SERVICE</u>.

Purportedly RADIO NERRS would commence SW tests to Europe in August but so far nothing was heard. We are not cetain about the power, one source mention 200 kW while another 200 watts. Quite a difference... Address: Via GPR-2, St. Petersburg 197376, Russia.

ONDA CALIENTE announced a 7430 broadcast Sun Sept. 1st. Indeed the French pirate was to be heard on that channel with pxs in English, French and German featuring independent music from independent record labels. Shows were hosted by Leo Black and Veronica. Earlier reports indiacted that the station was aiming at a return on SW in the August/September period. That appeared to be true: in August the station was heard on the 11th (also on 7430). Keep an eye on 7430 kHz for future activities! Relays via Radio Europe in Italy on 7303 khz are possible too. A proposed July relay was cancelled. Onda Caliente uses (1) and (4). Email: < onda.caliente@mnet.fr >. Homepage:< www.mnet.fr/onda.caliente >.

RADIO 101 from Germany has reactivated its SW tx in Ireland. It looks like the 41 mb outlet is not being used, only the 27 MHz tx is in operation. Frequency is 27035 kHz and only when conditions allow, the tx is switched on between approx. 15.30-23.00 hours. May 30th at 16.48 UTC a fair signal was heard on 27035. Address is Box 2, B-4680 Gemmenich in Belgium.

RADIO PANDORA from the UK celebrated one year of SW trms on Sun August 25th. The 4 hour broadcast between 08.00-12.00 UTC was put out on 6280. Quite a number of guests including Bill Lewis were in the studio during the recording session. Address is (10).

Many of you might remember RADIO PIRANA. Via our Swedish collegues of PC, we heard that station OP Jorge R. Garcia is doing very well in South America. December 2nd 1995 between 02.00-02.40 UTC Radio Pirana made its debute from South America with a power of 100W on 6955 USB. An attempt to go on air on 11415 failed because of tx problems. Jorge has erected two dipoles to be used for txs tuned to 11415 and 6955. There might be plans to broadcast on 4600, 6924 and 15040 as well.

RADIO POWERSTATION is a German station from the Saarland region using the



IRRS facilities in Italy. The first sounds from this new station were noted Sun August 11th on 3985 and Friday August 16th on 3955. Address is Box 1165, D-66571 Eppelborn in Germany. Email: cpowersound@hit.handshake.de > Homepage: <a href="http://www.handshake.de/user/powersound">http://www.handshake.de/user/powersound</a>>.

The OP of Dutch station RADIO RED KING is currently constructing a new 500W tx capable of carrying out broadcasts on medium and short wave! RRK trms are coming from a site near the Dutch-German border in the North Eastern region of the Netherlands. Address is Box 73, 7160 AB Neede.

The USA pirate ROCK-IT RADIO agreed to another contract with the relay sites in Milan, Italy via IRRS and also WRMI- Radio Miami Int. by the end of July. The response in Europe has been fantastic. The broadcasting schedule: Via IRRS in Milan

Saturdays 11.00-12.00 UTC 7125 Sundays 20.00-21.00 UTC 3955

Via WRMI

Sundays 19.00-20.00 UTC 9955

Rock-it Radio broadcasts a format of rare and unreleased 1950s US Rock and Roll. If you would like to receive future issues of the Rock-it newsletter write to P.O.Box 5617, Ventura, california, USA 93005 or send an Email: <Rockitrad@aol.com >.Homepage:

< http://www.alpcom.it/hamradio/freewaves/rock\_it.htm >

Early July we received an update from SWR SWITZERLAND. Starting in July, listeners in the USA, Canada and ASia can tune into Radio Miami Int. on 9955 kHz hearing SWR Switzerland with various free radio pxs. These shows are aired each Sunday between 20.00-21.00 UTC. For more info regarding SWR-Switzerland, write to Box 510, CH-4010 Basel.

After receiving a letter from Italian authorities, <u>RADIO SPERANZA</u> has ceased trms on 6220 kHz. This frequency is restricted to use for maritime services only. Speranza continues on 6232 kHz.

STAR CLUB RADIO is using a brandnew 40W tx. Tests were heard-May 25th and June 1st, both times on 6270. The station celebrated its 7th birthday Sat July 20th on 6270. June 29th/30th saw SCR on 6270, also in July/August various pxs were heard on 6270. For reasons of security the SCR team will be broadcasting from Belgian soil! Address is (1).

RADIO DR. TIM was heard a great number of times on 48 metres. Main frequency is 6270 although 6250 was also used in June. Under the name Black Fire, Dr. Tim and Torenvalk were heard on 6270 August 11th. Address is (1) and for Black Fire use the Torenvalk address.

RADIO TITANIC INT. tested to the USA on Sun August 18th at 00.00 UTC. A week later the station tried again, this time on 6955U. Sun Sept. 15th during the morning hours, the 21st Birthday show went out via the facilities of Radio Mirage on 6280. Interesting pxs were heard and a fair/good signal. In the afternoon RTI was back with a repeat of an April show. Address is (1).

Already a few months ago RADIO TO-RENVALK announced tests on 6400 kHz but slight tx problems caused delays. Since RFL has left this channel, 6400 has almost not been in use by other stations. Finally it was on Sunday June 23rd that RTI carried out a test on 6400. Reception in Sweden was at times excellent. That same day also tests on 6250 and 6252 were conducted. The crystal unit within the tx has been replaced in favour of a stable VFO. In the mean time RTI has already ceased trms on 6400... Reason: poor response from listeners for this out-of-band channel. RTI is using a new 50W tx for 76 mb activities. A self-built VFO can be used for both 76 and 48 metres. Sun August 4th Torenvalk joined forces with the Radio Perfect OP. This test was aired on 6216 kHz. Address is Box 94, 7038 ZH Zeddam in the Netherlands.

TRANSATLANTIC RADIO is one of the most active Dutch stations in the past two years. TAR broadcasts are not only limited to 48 metres, also on 76 metres TAR is regurlarly to be heard. Currently the station's OP is busy constructing a new VFO-controlled tx which can be used on medium wave and 76 metres. Future plans include trms on a fixed Sunday including musical shows and a mailbag programme. There are plans for tests on 31 metres 9241 and on 43 metres 6955. Trms close to 6955 (6960/6965) have already taken place in May (see FRSGDX 140 page 12). TAR can be reached via Box 4427, 3006 AK Rotterdam or via Email (new): < Trans@pi.net >. In FRSGDX 142 a TAR feature will be included. This feature was meant to be included in this issue, however: the OP didn't succeed in sending us some photos in time, that's the reason the article has been postponed till December.

Since this Summer (July) <u>UNITED</u> <u>CHRISTIAN BROADCASTERS</u> have been regurlarly heard on 6199, most likely via a site in Southern Ireland thus making it unauthorized trms. We think it's unlikely the former Radio Fax tx is in use as the signal is not impressing. The station denies any connection with Radio Fax. Address is Hampchurch Christ Centre, Strike-on-Trent, ST4 8RY in the UK. Email: < ucb@icl.net.co.uk >

RADIO WAVES INT. was noted on 11401 Sun June 23rd. It was the first this year that the station was audible at the FRS monitoring service. Long skip prevented reception in previous months. At 10.15 UTC RWI scored a good signal although the mod sounded so now and then somewhat distorted. Sun July 21st and August 8th RWI was also heard on 26 metres. In November RWI will be on air with a special broadcast celebrating the station's birthday. Address is (4). Email: < rwaves@imaginet.fr/~rwaves/index.htm >.

WEEKEND MUSIC RADIO, Scotland's premier SW radiostation, is cooperating closely with Radio Free London. Since August 11th WMR broadcasts every 2nd and 4th Sun of the month sharing 6400 with RFL (1st & 3rd Sun). WMR was very active in recent months and apart from the regular trms a few tests to the USA were carried out. All tests were aired during nighttime on 6952.6 kHz, the first two in August on the 11th & 18th and the third one Sept. 1st. During the tests a powerful 400W rig was in operation and WMR succeeded in crossing the Atlantic. August 11th WMR only used 20W on 6297. The station offers a info booklet containing no less than 8 pages of station history and in addition a new QSL card has been issued. Address is 14 Stone Row, Coleraine, Co. Londonderry, BT52 1EP in Ireland. WMR uses RFL's Email address: < rflsw@aol.com >.

WREKIN' RADIO INT. has been warned by the Radio Communications Agency to cease broadcasts on 12265 kHz. A telepone call from a RCA employee learnt



that WRI was frequently causing interference to the ship-to-shore radios in Scheveningen, the Netherlands. WRI is considering the idea of moving to 12255, the old Radio Fax frequency still being used by the Reflections religious service. Address is 51 Eastwood Blvd., Westcliff-on-Sea, Essex S00 0BY in the UK.

#### SW NEWS IN BRIEF

RADIO AMAZONIA celebrated its 2nd birthday with a broadcast on 7380U via the PRRS. That was on Sun June 23rd. A week later the same show was heard on 6280, most likely via Radio Pandora. Address is (10) \*\*\* After using many years the Rouveen address, RADIO BRIGIT-TE can now be contacted via a new Belgian address: R.B.I., P.O.Box 50, B-2960 Brecht \*\*\* RADIO CITY was heard on 7560 kHz June 30th, just 10 kHz under ABC Denmark. Address is (1) \*\*\* RADI-O CLCG was heard on 6260 Sun August 25th. An interesting DX-Show was aired. Although CLCG is not very often on air, it must be pointed out that the station puts out real interesting & informative DX-Shows. Many listeners may not realize how much time it costs preparing such informative shows! Address: see 76 mb section \*\*\* August 4th saw DELTA RA-DIO on 6290. A tribute programme was aired in memory of the late Norman Nelson who used to run RECC. Signal was ok, mod was bad. Address: (4). The question is whether RECC will return. Expect something special in November \*\*\* DLR 106 FM stands for Dun Laoghaire Radio resuming trms on SW on 6226 Sun August 4th. The station's signal suffered from heavy RTTY. Former address was DLR 106 FM, Dun Laoghaire, Co. Dublin, Ireland \*\*\* EASY RADIO INT. was heard three Sundays in a row on 6209 kHz \*\*\* RADIO FLAMINGO is a new Swiss station which was first heard Sun June 9th on 7380 via the PRRS. Further relays were noted August 25th on 7380U and Augsut 31st on 3898. Address: P.O.Box 1951, D-79554 Weil am Rhein in Germany \*\*\* Here's the first Italian Free Radio site on the World Wide Web: < http://www.alpcom.it/hamradio/freewaves > \*\*\* A new FRENCH station intended to test Wednesday August 14th at 23.00 UTC on 27855 USB. This report came from Francis Mougenez in France. We cannot confirm whether the test was carried out \*\*\* RADIO KOM OP DE BAND which was heard Sun 1st Sept. on 6280 was a spoof one imitating some of the Dutch stations

\*\*\* LASER HOT HITS used a new phone line in July: 956-533016. Address is (8) \*\*\* RADIO LIPSTICK uses this address: Dahlieweg 3, CH-5223 Riniken in Switzerland. June 16th Lipstick was heard on 7380U via the PRRS. The station is also active via the IRRS in Milano, Italy \*\*\* Dutch RADIO LOWLAND returned to the land of the active Free Radio stations. The station has been inactive for a very long time although the people behind the station still are determined to return with more or less regular trms. Sun July 14th saw Lowland on 6285, signalquality was fair. The station hopes to put out tests in the 76 mb. Address is Box 39, 2300 AA Leiden in the Netherlands \*\*\* Monday September 2nd Radio Slovakia's German Service broadcasted a number of interviews recorded at the MERCHWEI-LER DX-camp(16-18 August). Several stations were heard, this time via for a change via a legal SW outlet. Next issue a feature on the Merchweiler DX-camp will be included \*\*\* OZONE RADIO was heard on a number of frequencies: 6243, 6303 and 6253-8v. No doubt the station's tx has been drifting during a few broadcasts. Address is 55D chester Rd, London N19 5DF in the UK \*\*\* RADIORAMA RADIO which started operations via the IRRS last Spring, uses the following Email address: <RADIORA-MA@indesia.i> \*\*\* RADIO RIDICU-LOUS seem to have been testing on 15035 kHz June 30th at 14.00 UTC. We cannot confirm whether the test was carried out. Address is Box 1019, 2200 BA Noordwijk in the Netherlands \*\*\* SUNS-HINE CLASSIC ROCK has ceased trms. This German stations was heard via several relay-facilities in the past few years: Radio Pandora, Radio Europe and the IRRS. Address is (3) \*\*\* Hopefully the RADIO DR. TIM OP has recovered. He was in hospital in July. Hope you are fit and well! \*\*\* A mysterious station was heard testing on 6307 Sunday July 28th at 18.15 UTC. Sounded British. Who was it? \*\*\* If you heard RADIO TIRANA August 11th on 6270, then remember it was only a spoof station... \*\*\* RADIO TO-NAIR tested a new rig Sun Sept. 1st. Tonair tests were noted on 6238 & 6270. Signals were ok. Address is Box 21, 7010 AA Gaanderen \*\*\* RADIO TOXICUS is a new German station which is already defunct. The station OP lost interest... \*\*\* Which UNID was testing on 6305 Sun August 18th at 13.15 UTC playing Beatles music?? \*\*\* RADIO WELLEN-BRECHER tested a brandnew modulator

and a new antenna system during the last weekend of June. A number of 48 mb frequencies were used. Address is (1)\*\*\* A station calling itself **RADIO ZANZIBAR** was heard Sun June 16th on 6213 putting out orchestral music.

#### REST OF THE WORLD

Several **US STATIONS** have been received in Europe in the past three months. The majority was heard on 6955 USB, the odd station in AM. For details about dates etc.see for yourself in the FRS Logbook. One of them, the Voice of Rock is only using 10W of power! Email: < vor@srs.pp.se > or write to Box 28413, Providence, RI 02908 in the USA \*\*\* The well-known Box 452 address in Wellsville address is replaced by Box 1, USA-Belfast, NY 14711 maildrop \*\*\* An American station calling itself THE FOX (not to be confused with Euro The Fox AM!) sent a few tapes to Euro relay stations. The pxs seem to be very well produced giving the European audience a little taste of a North American Free Radio station. Pxs include rock music, comedy etc. The station uses the well-known Box 109, Blue Ridge Summit, PA 17214 USA address and also (8). The OP is also known for operating The Voice of Helium and Highway to God. What's in a name... \*\*\* Apart from the well-known 6955 frequency, very few US stations make use of different frequencies. Fri August 23rd at 20.29 UTC a Unid was heard on 15066U, Club 30 was heard playing film themes on 100040U Sat Sept. 24th \*\*\* KIWI RA-DIO from New Zealand tested on 7460 USB at 06.30 UTC June 23rd. Unfortunately this time the station was not audible in Europe. Address is Box 3103, Napier, New Zealand. More tests from Down Under are to be expected \*\*\* Ever heard of TSW? TSW stands for Techno SW operating on 4795 and 7555 most nights. In addition 11700 kHz was also used to Europe and Asia. Recently the station received an Email from the Spectrum Management Authority pointing out the illegal character of its SW broadcasts. The people behind the station decided to guit and so TSW closed down Fri night Sept. 6th following a farewell show. FM operations were done on 88 MHz under the name Radio Energy. The station can be contact via Box 797, sandy bay, Tasmania Island, Australia. This news was delivered by the Australian Electronic DX Press.

## Es lears his holand

August 1995 marked the 15th birthday of the Free Radio Service Holland. It was celebrated October 15th with an almost 6 hour marathon broadcast. During all pxs socalled *Fact Files*- each one covering a certain aspect of FRS' historywere read out providing the listener a wide variety of FRS related info from 1980-1995 the era. FRSGDX now presents these File Facts in three parts. Part 1 was published in the final 1995 edition (issue 138) and Part 2 in issue 140. This is the final part.

The Jingles (2)

In the late 80s an American friend started doing voice-overs and until now he's involved with FRS' jingle business. Peter sends the lyrics to New York, the American records these liners and returns them. Then Joop ter Zee gets involved mixing up the voice-over with a suitable music bed and/or sound effects. Since 1990 FRS-Holland has a large and professional archive of production music in all sorts and lengths at its disposal. In addition several CDs containing production elements have been achieved from mainly US companies.

Returning to the subject of producing jingles: since a year and a half new techniques are being used. Since the introduction of the MiniDisc, this fine piece of equipment has been taking over the role of the tape recorder. An MD contains many edit functions improving the speed and technical quality of any recording session. A further major step was the use of a 16-bit computer soundcard in combination with semi-professional software. The results are excellent, things which were impossible to do in the recent past can now be done fast and easily. Just take the FRS birthday jingles & promos as an example...

In the not too distant future FRSH is planning to compile and offer a tape featuring a survey of 15 years jingles.

#### More Facts

Did you know that the FRS Listenersclub was founded in June 1982? Main purpose was to strengthen the bond station-listener. FRS Goes DX Magazine was the perfect means to fulfil this goal. Now, more than 14 years later, FRS Goes DX

has developed into an informative, goodlooking and quaterly radio magazine covering a wide range of subjects primarily linked with free radio.

That same year-1982- the leading popular Dutch Free Radio Magazine, better known as FRM, produced a comprehensive two-volume story about FRS-Holland. Coincident or not: shortly after part 2 was out, FRSH was raided! Coincident..???

In 1985 FRS-Holland was the first-ever SW pirate station producing a video. Copies were sold all over Europe. The video showed the final FRS programmer recordings in FRS' very first radio studio (see photo). A second and definitive FRSH video will be produced sometime in future. It will cover all aspects related to FRS-Holland in particular and SW free radio in general.

The first FRS T-shirt must be a collector's item by now. The promo for that piece of cotton was one of the most weird and fast-moving promos ever produced by the people behind the station. Yes, you can still wear that T-shirt, even in the church....

FRS-Holland's first address was that famous one in the United Kingdom. It was "the home" of many well-known British stations and E.M.R.'s Barry Stephens helped us so that we could make use of it. The address was operated by Michael

Burden who still is a SW enthusiast these days. Michael was a very dedicated & reliable OP. Although it was a very long address, we must have been mentioning it hundreds of times in our pxs. Perhaps that's the reason some FRS people still can reel off that address, even in the middle of the night....Kent Place, Norwell, Newark, Nottinghamshire in the UK. When the Kent Place address closed down for all stations using it, a new possibility was found in the Netherlands. We were informed that the P.O.Box 41, 7700 AA Dedemsvaart address was very reliable and so it was for many, many years. Untill there came a moment that packages with letters were forwarded in a most irregular way. That was the moment for Peter Verbruggen to decide to start looking for a brandnew one. After looking around for a few months Peter came up with the



The very first FRS-Holland studio on Verbruggen's attic room, this one was used between 1980-1985.



current P.O.Box 2727, 6049 ZG Herten address, an address which still is used much to the satisfactory of the FRS crew.

#### FRS-Holland: Programme philosophy

The success of FRS-Holland is certainly closely connected to the programming philosophy of the station. Already even before any regular Sun broadcast was commenced, Peter V. and the others realized that it was of great importance to develop a strong programme formula to entertain the listeners in the best possible way.

Because of the International character of SW trms, it was a must to present pxs in not one but several languages enabling more people to hear their own language or a language easily to understand. Of course the staple diet of most SW pirates was in those days music. It's difficult to give a guideline but a purely top 40 or hard rock format would give only part of the audience satisfaction. Therefore FRS choose to play difficult styles including top 40, new wave, oldies, album tracks etc. (mostlt rock). As a matter of fact not only the music makes SW interesting. There's an ingredient which is thought to be equally or even more important: information. A DX- Show would fulfil the needs of most radio listeners simply because they are pure radio enthusiasts thus loving to hear radio news. Peter V. succeeded in getting an informative show off the ground, with the help of numerous contributors. Preparing a serious & informative DX-Show is an enormously time-consuming job and it's up to the presenter/producer to find ways in collecting all that news. In those 15 years a solid web of correspondents & contributors has been shaped guaranteeing the listeners a 45 minute show packed with the latest info from that wonderful world of wireless. The fact Peter is making use of the Internet adds a new dimension to the DX-Show. Much more info is being collected and: it's reaching Peter in an unbelievably fast way. That makes FRS Goes DX even more uo-to-date and informative than it al;ready was. A mailbag show is also a potential info-show and right from the very first trm a mailbag show was part of FRS' programming. All ingredients are mixed up to one acceptable, well-considered programme format offering the listening audience Sunday entertainment in the best possible way. The many letters we've been receiving indicate we have been and still are on the right track!

#### Recalling Special Memories part 4

Sunday January 17th 1982 FRS-Holland was received in Union City, USA. Quite astonishing is the fact that the 7315 signal crossed the Atlantic after 09.00 GMT, a relatively late time for Transatlantic reception! A month later the sensation was even greater: during FRS-Holland's 19th transmission Febr. 21st conditions were absolute wonderful and this resulted in yet another 41mb report from Mar del Plata in Argentina, that isn't exactly on the doorstep....

Although most of FRS-Holland's trms have been broadcasted within the 48 & 41 mb, also some other frequencies have been tried. For instance Sun morning Sept. 9th 1990 when a 19 mb test was running on 15046 in parallel with 6240. Two months earlier- July 15th 1990- saw FRS' debute trm on 31 metres/ 9985. A report from Finland proved reception during this nighttime broadcast was fair. Certainly FRS-Holland's most memorable broadcast took place Sun October 21st 1990 when the 10th Birthday celebrations took place on no less than 5 different frequencies: 6275 & 6290 in the 48 mb, 7290 & 7490 on 41 metres and 9985 in the 31 mb. In particular on 7490, running at a power of 90W, reception from Italy to Scandinavia weas amazing and from the UK to the Eastern part of Germany. No less than 140 letters were received making the people at the Herten Post Office rather curious. Somebody declared this enormous amount letters was because of Peter Verbruggen's birthday leaving the charming lady behind in a rather confusing

A matter to be discussed seperately were the relays via Johan Rood's Radio Delmare. Following the raid in January 1983, FRS-Holland continued via a number of relay-stations. The real thing started in July. On the 24th that month a new episode in the life of FRSH began when regular 3rd Sun relays via the powerful Radio Delmare outlet on 6206.7 kHz commenced. Six months after the start of Delmare relays, FRS-Holland introduced a brandnew 6 hour px schedule running from 10.00-16.00 CET. Consequently FRS was the station with the most comprehensive px schedule in that period. The Delmare relays would continue until May 1987 when Radio Delmare was raided during a relay of FRS-Holland. Salient detail: the FRS px-tapes were not confiscated by the Belgian authorities!!

Delmare was already raided March 26th 1984 because of trms on 227 metres medium wave. That raid caused a period of non-Delmare relays between March 1984 and October 1984. During the first 5 months of 1986 Radio Delmare's tx was silent for security reasons. All in all 40 third trms have been aired via the strong Delmare tx.

Another subject already partly discussed is the production side of the radio hobby. The best and most memorable FRS production is the 270 minute sound documentary "10 Years in the Life of the Free Radio Service Holland". Joop ter Zee & Peter Verbruggen worked as a team resulting in a wonderful story covering almost every aspect of the station as well as a close look on how a free radio station on SW is being operated. Peter V. was responsible for the script, Joop ter Zee did the technical part including the mixing & the mastering. Considerable efforts were put into it- the entire job took some 160 hours- but the result was worth it.

If you are interested: this production on three *chrome C-90s* still is available via FRS Sales Productions. The price is DM 39.90/ 15.99 UK pounds. For more info: there's a special info-sheet waiting for you containing all details how to obtain this fantastic *movie on audio tape!* You can also take a look on the FRS homepage: http://www.tip.nl/users/joop.ter.zee/index.

The FRS Fact Files are written and compiled by Peter Verbruggen. Copyright FRSGDX 1995/1996.

FRS-Holland will be on air Sun Sept. 28/29th, most likely on 6275 kHz. Tune in!!

#### **GREAT BRITAIN**

#### SPECIAL RSL

In FRSGDX 139 we carried a small report about special RSLs in the UK. Ewen Cathcart from Scotland sent us some extra info. These 'special' RSL licences will consist of a one year 'trial' period followed (on successful completion) by another four years. The licences will be restricted to sparsely populated areas of the UK. But: they will only be made available to Hospitals, Colleges and Universities who wish to run their own radio stations! Because it's fundamentally different to existing ILR services, it will not matter if the area is already being served by an ILR. A 'fixed' FM frequency of 87.7 MHz will be used with a maximum power of 50 mW (not 50W as stated in FRSGDX 139). The reason for the very low power is to prevent the signal from extending outwith the intended service area ie Hospital buildings or University campus. The figure of 8 km maximum radius is correct, although given the low power it does seem a bit optimistic!

#### BREEZE AM CHANGES

Southend-on-Sea based BREEZE AM has changed its name and format. The output of the station sounds almost similar to the format broadcasted by satellite station Love Radio which can be heard on most Dutch cable networks. The station call is now The Breeze Love Songs'. The question is whether the new format will be successful on AM, FM seems to be a better means for putting out this kind of format (FRW).

#### **MORE CHANGES**

Quite recently the name of the London station Country AM was suddenly changed into RTL Country 1035. CLT, since a few months owner of the station, claims the name RTL to be attractive for advertisers. It was very strange that a few weeks later the station was offered for sale for 3 million pounds. Reason: from now on (August) CLT would be only concentrating on the national and regional radio market (FRW).

#### TAKE-OVER

Fortune 1458, run by the Independent Radio Group, is now using the name Melody Radio. The station has entered into a collaboration with London-based Melody Radio. People living in or near Manchester tuning in to Melody can now be hearing easy listening sounds (FRW).

#### SuperGold

The British GWR Group has replaced Super-Gold. 2nd September saw the close down of the SuperGold radio station which was belonging to the local station Chiltern Radio. However: SuperGold was also on the Astra satellite serving other British and European stations. Classic Gold has replaced Super-Gold on the Astra 1C 7.56 MHz audio subcarrier of Sky Sports 2 (11.170 Ghz/H) but there's more: two extra new satellite-delivered services are active: The Mix, an adult contemporary format with music from the 80s and 90s in the weekend during nighttime. In addition there's Nighttime Oldies on weekdays during nighttime playing music from the 1960-1990 era. Former Laser 558 Charlie Wolf presents 'The Night Party' on The Mix each Saturday night. On Classic Gold several famous former offshore personalities are to be heard (see Sounds from Offshore's Radio Bits & Pieces). Classic Gold is worth listening to (Veronica Satellite/FRW).

#### MANY RAIDS

No less than 55 raids for illegal radio broadcasts were carried out in London in the month of May! A total of 34 different transmitting sites were visited by the Radio Communications Agency. It's not known how much equipment was confiscated and how many persons were arrested (FRW).

#### CAPITAL RADIO

Gavin McCoy has resigned as Capital Gold head. He held this job for only a year following a switch from Essex Radio. McCoy was not happy in his new function, he missed the 'thrill' of presenting programmes. He has joined The Original Radio Company, Steve Wright's syndicator and hopes to get to work as a presenter on one of the smaller stations in the UK.

Capital Radio pcl has opted for the new Greater London license which will be granted next year. Capital already owns Capital FM and Capital Gold in London but because of an amendment of the media law, one and the same organisation is allowed to run either two AM and one FM or two FM and one AM

stations. In case Capital will be the lucky organisation winning the license, Capital Gold will move from AM to FM, the AM frequency will be used for a talk format oriented station. 1FM deejay Chris Evans' company Ginger, presenting the daily Breakfast Show, has also opted for the license. Other interested parties are: CLT UK radio, GWR, Choice FM and Zone FM (FRW).

#### NEW TRANSMITTERS

The British division of Classic FM has spent no less than 5.5 million pounds to purchase 12 new transmitters which will be installed before the end of March 1997. Two million potential listeners can be reached with the new transmitters, the national coverage will increase to 86%. The station's listening figures have been considerably increased (FRW).

#### 1FM ON THE MOVE

1FM, the national BBC pop music station, has moved into a new studio-building mid August. The new address, Yalding House, Portland Place in the centre of London is only temporarily the new home. Within 4 years 1FM will be returning to the original studios at Bush Houses (FRW).

#### REGIONAL LICENSE

KISS FM is the name of a station which will take to the airwaves as a regional station for Yorkshire early next year. KISS will become a dance station aiming at a young audience. The new station's signal is to be heard in towns like Leeds, Bradford, Sheffield & Kingston upon Hull. KISS FM will become the UK's largest regional station with a potential of 3 million listeners (FRW).

#### PAUL GAMBACCINI

This former Radio One deejay and still active in the British radio industry, has decided to sell his complete record collection. Sotheby will sell the 20,000+ record collection by aunction in September. The aunction takes place in London. Besides being a presenter, Paul is also the author of many music books, for instance the *Guiness Book of British Hits Singles* containing listings of all British records that entered the charts since 195(FRW).

#### LBC

Since 1st July the name of LBC is back on the London airwaves. Newstalk 1152 is



responsible for this idea. Bringing back the name LBC could ensure more listeners tuning in to  $1152\ AM$ . Newstalk 1152 is aiming at a 45+ audience (FRW).

#### SONY RADIO AWARDS

Some of the winners of this prestigious annual awards were:

Music-based Breakfast Show: Russ Williams & Jonathan Coleman (Virgin Radio);

Specialist music programme: Andy Kershaw with South Africa Radio 1FM;

Daytime music sequence programme: Sound of the Sixties, Radio 2FM;

Broadcaster of the year: Chris Evans Radio 1FM;

Local broadcaster of the year: Steve Penk, Key 103.;

Local station of the year: Moray Firth Radio; Regional station of the year: Clyde 1FM Scotland

If you cannot receive Virgin on 1215, you have the possibility to tune in on satellite on the Astra satellite to listen to Virgin's excellent breakfast show. Nice: 28 good-looking girls are promoting Virgin's London FM service. They are present on various events in London showing which station is their favourite one. By the way: Virgin's London FM service is almost similar to Virgin's output on 1215 and satellite (FRW).

#### UNITED STATES

#### **PIRATES**

More and more stations having no FCC licence are actice in the US on FM, medium wave and short wave. An owner of a station using a tx with less than 100W does not have to apply for a licence provided no interference is caused other stations within the reception. The pirates however interfere with legal stations choosing frequencies securing long distance reception. (FRW)

#### HOWLER

Recently Radio & Records (a media magazine) announced the death of radio veteran Joe Madison. According to the story, he was found in a plastic bag in the Smith Lake near Alabama. But at the moment the magazine was published, Joe was presenting his morning show on WWCR-AM....R&R had obviously mistaken Joe for another person! (FRW)

#### WEIRD

All Hooks all time format can be heard for the first time in the USA on WHEM-FM in Syracuse. The station's slogan is Quick 108. Alan Furst came up with the idea of using this format as a result of many listeners' complaints. A commercial block only lasts 9 seconds, in these 9 seconds three commercials are being aired!! Speed comes first is

WHEM-FM's principal idea, in 60 minutes a high number of records is being played. '277 songs from the seventies' between 19.00 and 20.00 or '301 great oldies for the ride home' between 17.00 and 18.00: the name of these two shows indicate what's going on (FRW).

#### **FIGURES**

Here are some results from a survey in the USA towards the listener's habits regarding formats. 12+ aged listeners prefer the News/talk format (16.5%). Adult Contemporary scored 15% followed by Country (11%), R&B (7.7%), Album Rock (7.5%). The once very popular Top 40 format dropped from postion 4 to 6 having a 7.2% share (FRW).

#### TOP 40 BACK IN WASHINGTON

Five years ago WAVA was the last of the Washington-based Top 40 radio-stations leaving the airwaves. Five years went by with not one single Top 40 radio station being active in the Washington region but 1996 brought a surprise. WXTR-FM indentifying as Z-104 plays the hottest top 40 hits and sister-station WXVR-FM is taking over 90% of WXTR's output. Former female Laser 558 deejay Jessie Brandon used to work for WAVA. The latter keeps a co

#### FRS-HOLLAND'S NEW WEBSITE

By Joop ter Zee

#### A DISAPPOINTING INTRO-DUCTION

Since the beginning of August FRSH can be found on the world wide web. If you talk with the various people who are into PC's and stuff, you get various opinions on this matter. It differs from 'great possibilities' and 'the world on your feat' to 'hype'.

Fact is, that it offers new ways of communicating. But you have to be honest, there is a lot of crap on the net. If I only look at the Dutch situation; there are loads of homepages from people who, in fact, don't say anything sensible. OK, if you look at it as 'just another hobby', it's ok. This means

that the information-standard often isn't all that high.

There are a lot of requests posted by people, begging to visit their page. And the business world is afraid to miss the train, if only they would know where it's going to..

After this very disapointing intro, I'd like to tell you something more about the page of FRSH:-)

#### Where in Cyberspace ??

First, we can be reached by Email at < joop.ter.zee@tip.nl > and ... < peter.verbruggen@tip.nl > .

Our homepage at the WWW reads http://www.tip.nl/users/joop.ter.zee/index.htm

Since the introduction of our *site*, we had some 500 hits. A hit stands for a visit of a page. There is a possibility for us to see:

- the number of hits
- what page was hit

This tells us a bit about the popularity of a page, so if something isn't hit all that many times, you can change it, our remove it. Yes, folks, the commercial principle!

One of the first things which came to notice to me, is that the jingle-site isn't all that popular at this moment. I thought that radio people would be interested more in this stuff but you can be mistaken! The Actual Section is most popular at this moment, followed by Alternative Thoughts, and News-News.



Peter Verbruggen has worked on 'our history'. At this time it should be on the net. It gives a fair view of the things we were up to, since 1979... Certainly worthwhile reading.. In addition we have a seperate section with the FRS Fact Files, information classified under several topics.

There also is info on FRS Sales Productions, FRS Goes DX, the FRS 10 Years Documentary and a section with DX news. Come and visit us..

If you visit our site, maybe something comes to notice. There are alsmost no pictures on it. I think what mostly concerns is the info on a page. And pictures take a lot of space and delays the building of the page. But then again, it can look attractive, so I guess some gif's will have to be uploaded in future...

Now, of course there are a lot of readers who aren't *into the future*:-), so let me tell you something about home-pages etc.

#### HTML instead of WP..

An Internetprovider gives you a certain space on their server. This space is an

amount of Kb on a disc from the server. What you do is make a page in HTML. This stands for Hypertekst Markup Language. It's basically ASCII (some knowledge is assumed in this article..) with some codes for making up a page, such as: bold, italic, space, list, underline etc. Problem is, that different browsers can interpretate this HTML language in different ways. Netscape tries to present their product as the standard in browsing on Internet. But there's Billy too. So there are two leading manufacturers of browsers now, Netscape and Microsoft. The follow-up of HTML is also on it's way: JAVA. What you can do is type a text and make it up in HTML, best with a HTML editor. When you have done this, you send the file to your Internet provider. Et voillá, you've got yourself a home page. So in our case, if you visit our site, you make a connection to The Internet Plazza, our provider (TIP.NL), and in fact look us up in a direcon one of their (users/joop.ter.zee/) the name of the first page which then will automaticly link you to the rest of the pages is: INDEX.HTM.

#### Linking makes the web..

Now *linking* is a hot item in computerworld. In this HTML language, you can make *clickable* text. If a visitor clicks with his mouse on this text, you can create a link to another site, another document or other files, such as sounds or pictures.

More interesting is the possibility of having your site linked to another site. (check out our *Gateway to Cyberspace.*.)

You can make a web for yourself with interesting sites. Most likely, if you visit a site of a radio-anorak, you will find links to other sites. In this way you can support and promote eachother.

#### What's next?

We don't know.. Maybe the end of FRS Goes DX on paper.. But no, seriously I think homepages and E-mail will be just another way of communicating with us. Just like the phone didn't overrule the good-old letters. Neither did the FAX. Like Public Enemy shouted: "Don't believe the hype..". But it's interesting, though..

#### JAM CREATIVE PRODUCTIONS

Good news and bad news for people who collect jingles. The good news is that Jam Productions in Dallas, the world's leading jingle company, has released a double CD containing 22 of their most "classic" jingle packages. The bad news is that the CD has been pressed in a very limited edition. Top Format Productions in Haarlem, Holland offers the CD on limited scale for sale. The unexpected release of the CD came as a complete surprise because until recently Jam Prod. was only offering demo Cds containing up-to-date jingle packages. The title of the new double CD is Classic Jam. On the CD a lot of nostalgic stuff from the

early Jam years like Priority One (1975), Logoset and Dimension 2. The latter became very popular in Europe in the BBC One version.

Even though the material on the CD is old, the quality is excellent because of digital remastering. Most demos are more than worth while to listen to with a touch of humour. Here's an alphabetical run-down of what is on the CD: Best Show 1 & 2, Class Action, Dimension 2, Double Plus, Extra Pack, The Fire, FM, HitRadio, Id Rather be, The Only One, Outstanding Kiss, Positron, Powerstation, Priority One,

Pro Mod, Pro radio and Special Touch. Best Show 1 & 2 have been used for TROS Radio in Holland, Hitradio was and still is in use by HitRadio Veronica. Nothing But Class & The Only One have been used for 675 Radio 10 Gold. If you're lucky you can obtain the double CD for 75 guilders incl. P&P. Top Format, P.O.Box 6040, 2001 HA Haarlem (tel. +23-5320640).

Two years ago, in 1994, Jam released a fantastic double CD celebrating the company's 20th anniversary. (Jelle Boonstra)

Sunday October 20th you, the listener, are at the centre of FRS-Holland's 16th anniversary! At least, if you'd like to.... During our special birthday celebration party on SW we'd like to air your FRS memory, an anecdote or whatever you prefer. There's only one simple condition: your story must be related to FRS-Holland. What comes to your mind when thinking of FRS-Holland's past 16 years? Perhaps a specific broadcast, your first qsl, one of the deejays, a particular record or hearing your first FRS letter read out on air. Or more general: FRS' programs, the 3rd Sundays in the 1980s, the FRS music format. It can be anything.....but it must something between you and FRS-Holland.Dont make it long but original!! We make sure your contribution will be read out during the birthday shows 20th October. What you have to do? Send your very personal FRS memory written on a seperate sheet of paper as soon as possible to: FRSH, Birthday, P.O.Box 2727, 6049 ZG HERTEN. You can also email us at < peter.verbruggen@tip.nl > or < joop.ter.zee@tip.nl > A third possibility is to tape your contribution on cassette. Enclose one IRC and in return we'll send you a studio-recording. We count on you....DO IT NOW!!

#### MADE in HOLLAND

By Chris Latiers

Last time we talked about REBACCA RADIO, a new commercial cable radio station for the North Eastern part of the country. At that occasion there wasn't known much about the station. Today, MONDAY JUNE 17th we can reveal some more information about RR. The station will be operated by two Northern publishers. Reporters from papers published by those companies, will work for the station. The station will be broadcasting 24 hours a day. On the hour a national and international news bulletin will be aired, while at half past the hour local and regional news can be heard. One year long the organization behind the station has been testing its format by delivering programmes to the public regional stations. These "testbroadcasts" have appeared to be quite successful. RR makes use of the possiblility to start a commercial regional station from May 1st onwards. RR aims at listeners aged between 16 and 48. As result major competitors are Radio 538 and Hitradio Veronica. RR will play English and Dutch language popmusic.

MONDAY JULY 8th an agreement has been concluded between AM Nieuwsbeheer and

the Manaus investment group about a take-over of the "remains" of Veronica NieuwsRadio. From October 1st onwards the new station, named AM 1395, will be operational. Maybe the name "Manaus Group" sounds a little bit familiar to our devoted readers. In the former issue of FRSGDX we talked about a new station called Talkradio. (See Monday April 15th). Now the organization behind the station clearly has see the opportunity to start the station using VNR's license. Some people will regret the fact the very enjoyable non-stop music will be leaving 1395 kHz. The new station will be broadcasting a mixture of news and talkradio. Four times an hour a short newsbulletin will be aired, leaving a lot of airtime for listener's input. With these new developments it becomes clear a re-start of VNR isn't a possibility anymore.

AM 1395 will be working with a 5 million Guilders annual budget, less than half the costs of VNR. AM 1395 will offer jobs to some 15 to 20 people, compared with 63 employees at the former VNR. It's likely some former VNR employees will be offered a job at AM 1395.

AM Nieuwsbeheer has got a broadcasting license which is valid until 1999.

AM 1395 will be operating from the buildings of Radio Nederland World Service. Cable stati-

on Jazz Radio also is broadcasting from the same premises. Not surprisingly, 'cause this station is also a "Manaus daughter". AM 1395 and Jazz Radio will be joining their technical and commercial activities.

As a result of these developments Jazz Radio takes over the 1395 kHz transmitter SATUR-DAY JULY 13th. The authorities have given their permission to the station to re-broadcast their programmes on medium wave until AM 1395 will launch.

Commercial stations Radio 538 and Radio Noordzee Nationaal become very angry on THURSDAY AUGUST 8th when they hear about the results of an investigation. It has been revealed the FM transmitters of these stations are operating with less power than officially announced. Radio 538 and RNN are suspecting the operator of the transmitters, the Nozema company, to lower the output to decrease the reception area. In this way competition for the public broadcasters is decreased. Not surprisingly, taking into consideration the publicasters are 40% owners of the NOZEMA. Radio 538 and RNN are cosidering legal steps.

More legal developments occur WEDNESDAY AUGUST 14th. Veronica announces to undertake legal proceedings against the way FM frequencies will be assigned to commercial stations next Spring. It isn't clear at all which frequencies will be 'sold', how the auction will take place and under which conditions. The Government plans to assign only so-called 'rest frequencies'. That are frequencies the publicasters don't need in order to get a good coverage. The commercial stations however hoped all frequencies would be distributed again between public and commercial broadcasters. It's a strange situation none of the commercial stations is covering the whole Dutch territory by terrestrial transmitters on FM.

After the strong growth in numbers of commercial radio stations the question was: which station will be ceasing transmissions first? The answer comes MONDAY AUGUST 19th as it becomes clear Radio 121 has been forced to leave the cable because of financial troubles. The station started broadcasting September 1995, aiming at an audience of 18 - 40 years of age. However: the coverage of the station has been far behind expectations. As a result there were hardly any commercials to be heard. The backers of

the station decided to withdraw. The management of Radio 121 now is searching for new investors to relaunch the station. At the same time we hear from one of our sources that the license will be taken over by a former record plugger, Lex Coencel. He is intending start an all day gospel & country music station.

A very well-known name back in the spotlights on THURSDAY AUGUST 22nd: Willem van Kooten (involved in almost every Dutch radio station past en present) wants to start a new radio station October 1st. Together with his former partner in Cable One, Ad Ossendrijver, he is planning to hit the cable (and Internet) with a non stop classic rock station, called Arrow Classic Rock Radio. Cable One has been the first Dutch commercial radio station, forced to leave the cable networks some years ago, because of old-fashioned legislation at that time. Van Kooten calls his newesi brainchild "the first radio station for real men". The station, playing not only classic rock but also almost forgotten hits from the sixties, will be operating from the builings of regional station Radio West in The Ha-

FRIDAY AUGUST 23rd our electronic mailbox contains a report about the possible come back of HOLLAND FM, the station that was responsible for the return of the Communicator to this part of Europe. The broadcasting license of HFM had been taken over by Veronica. So was the ship. In an earlier issue we reported about the fact the Communicator is for sale, because of dissapointing reception results of the ship's transmission. (By the way: during our holiday in Italy the 1224 kHz signal could be received far much better than 828...!) Now it seems former HFM director and Communicator's deck-hand Nico Volker wants to buy the ship, to re-launch Holland FM. These plans have to become reality Autumn 1997. At this moment we don't have any further details.

On MONDAY SEPTEMBER 16th one of our sources informes us about the Nozema has lifted up th output power of the Radio 538 transmitter. In this way a courtcase has been prevented. Although some people seem to have called Radio 538 with reports about better reception, we couldn't recognize any improvement of the signal personally.

(advert)

Free Radio Info & Radio Laguna present....

#### Pirate Stations in Germany, the Netherlands & Switzerland.

A great selection of International SW, MW & FM Free Radio stations being active in 95/96 on a 210 minute video! Background info, a look behind the scene with pictures of studios and transmitting sites. In addition a flashback to the 1980s scene in the Netherlands showing pictures of radio and TV pirtaes. This video is yours for DM 40.00 (when you live in Germany) or DM 50.00 outside Germany (incl. P&P). Write to: FRI, Box 520112, D-44207 Germany.

## SOUNDS FROM OFFSTORE

#### RADIO CAROLINE

#### EARLY SUMMER

Much to the surprise of many of its supporters, Radio Caroline obtained permission to start RSL operations on Thursday May 30th. Trms took place from a location close to the historical Chatham dock in Kent. With the 38 day trms Caroline aimed at collecting money to cover the costs of repairing the hull of the Ross Revenge. Many familiar Caroline voices from the past promised to present pxs. To mention a few: Johnny Walker, Mike Ahearn, Tom Lodge among others. Trms were aired on 107.4 MHz FM and it was Caroline's 7th RSL since 1992.

Thursday June 6th is was announced that this Summer Radio Caroline will be active with another RSL from Languard Point off Felixstowe. Felixstowe deserves a mention in Caroline's rich history as it was this English harbour from which the station was supplied long time ago. The Caroline ship Ross Revenge will be clearly visible from the coastal strip. Interesting for Caroline free radio supporters: the Caroline organisation is planning to organize boat trips from the harbours of Felixstowe, Dovercourt, Walton-on-the-Naze and Harwich. During this second 1996 RSL taking place from Friday August 2nd to Thursday August 29th, Caroline will be broadcasting on FM covering parts of Sussex and Essex. Senior Caroline presenter from the 1960s Tom Lodge is appointed programme-controller assisted by Ian Goddard. Preparations are being made to make a success of the August broadcasts. Reaching the local/regional advertising market is a must to make a financial success of the August RSL. One very important remark: the Caroline organisation must have permission to move the Ross Revenge from Chatham to Felixstowe. In an earlier stage the authorities refused permission because in their opinion first and foremost all necessary repairs on the Ross Revenge have to be completed. These stiff requirements could become a serious problem for Radio Caroline as it looks like the authorities want to hold on to their requirement.

Mid June a telephone call with Caroline manager Peter Moore learnt that the latter was rather dissatisfied. Compared with Caroline's previous Clacton-on-Sea and London RSLs, the June broadcasts attracted much less publicity. Nevertheless a number of advertisers were contracted. In

financial respect things are less attractive. But only a few days later things don't seem too bad: the station's signal could even be received in small parts of London.

Early July FRSGDX received a personal letter from Caroline station-manager Peter Moore in which he responds to info published in FRSGDX 140. Although he agrees with most of the Caroline info, a few remarks are being made. There are no cracks in the hull of the Ross Revenge at all. Tests have showed the hull is 14 mm thick at the thinnest point which is fine. The ship's propellor shaft is not jammed. It has been locked with a steel bar so that it won't turn when the ship is towed along. The bar can be taken off at any moment. Caroline people have painted marks on the side of the ship. When the stability is tested by tilting the ship right over, inspectors can see the marks and conclude that the stability is ok. The ship has 300 tonnes of concrete in the bottom of the hull, she's very stable indeed.

#### MID SUMMER

Friday August 2nd: no Caroline sounds are to be heard off Felixstowe. Reason: no permission to move the Ross Revenge. A few days later The East Anglian Daily Times publishes a little article telling that Caroline will be soon on air off Harwich. Legendary deejays such as Johnny walker and Tom Lodge will be returning to the airwayes. But first a miracle must happen!

#### ISLE of MAN

Already a year ago, we reported about a long wave station broadcasting from the Isle of Man. Offshore expert Paul Rusling was also involved making us rather curious. Many months we didn't hear anything until Tuesday August 6th. There are rumours that Peter Moore and John Burch (formerly in charge of the Caroline Movement) are attempting to purchase the Ross Revenge and to move the ship to the Isle of Man where it could be used for the long wave project. According to a two year old statement, Peter Moore is the socalled 'recognized owner', in other words: the responsible person for keeping the ship in good condition. Peter Moore has never been defined as legal owner of the Ross Revenge simply because he cannot submit the ship's papers. Both persons have obtained expert advice how to claim the ownership's papers because they have been approached by persons behind the afore-mentioned Isle of Man project intending to hire the ship for at least two years. We hope to contact Peter Moore very soon hearing from him what's true about this Isle of Man story.

Talking of Peter Moore...at the very last moment (mid September) we received a second letter plus issue 21 of Caroline Newsbeat which is the official Caroline Newsletter. Peter tells: "You may like to know now that we are again looking at the possibility of satellite broadcasting, but also we are involved in a campaign to ask why no SW licenses are issued by the UK. Only the BBC are allowed to broadcast on SW, but they sometimes rent time to other operators. Why we ask should some frequencies not be given to commercial operators?" Peter makes a clear point here and he's right. Why no license?? Remember Trevor Broke of Radio Fax asking the same question to the UK authori-

An interesting item in Caroline's Newsbeat is the possible return of the SW Service. A kind donation from a well-wisher who does not want to be named may result in a return to weekend SW broadcasting after an absence of two years or more. As this news came when the magazine was more or less finished, we cannot feature the whole story. Next time more Caroline and also more info in connection with the cancellation of Caroline's Felixstowe RSL. Thanks to Peter Moore for his kind contribution!!

#### **ARUTZ 2000**

Arutz 2000, Israels newest offshore radio station, started test broadcasts from the radio ship King David on 102.6 MHz FM Wednesday August 28th at 3 pm. These tests lasted till Thursday August 29th at 5 pm. The ship is anchored opposite the Jaffa port, just south of Tel Aviv. FRSGDX already paid attention to this project in previous editions. The King David, a former lightship, was fitted out in Portsmouth. The antenna was erected in Cyprus. The ship arrived off the Israeli coast a while ago but lack of funds delayed the start of the offshore project. The station was already active for a longer time with activities from land. Arutz 2000 is a religious radio station aiming to bring people nearer to the Jewish religion. Arutz 2000 is considering a change of frequency because the station is "sandwiched" between Tel Aviv's tow local commercial



stations Radio Tel Aviv on 102 and Radio Lelo Hafsaka on 103 MHz.

In her first news conference, Communications minister Limor Livnat stated that since Arutz 7 broadcasts outside Israels territorial waters, she does not deem the station pirate and will seek ways to try and get the station to broadcast legally from land. It looks like this has been the first time that any official in the world has said a shipbased station broadcasting outside territorial waters of a country is perfectly legal and not a pirate.

#### NEW US OFFSHORE PROJECT?

Fake or reality... In European offshore circles rumours are circulating about a new US offshore project in which Al Weiner is involved. Al Weiner was one of the key figures behind Radio New York Int. The future radioship would be using different anchorages to reach different reception areas and audiences. Last year, that's January 1995, Al Weiner was also participating in a shipbased radio project. US authorities raided the MV Fury which meant the end of Al's ambitions. In June we also received a few reports from the US containing more or less the same info we already had received via European sources including our very own expert Hans Knot. Monday June 24th FRSGDX offshore correspondent Hans Knot receives an Email announcing that Lightwave Mission Broadcasting in association with Becker Broadcast Systems is in the process of outfitting a ship for Int. short wave and medium wave trms. Apart from Allan Weiner's name, that of Scott Becker is also familiar. He too was involved in the MV Fury project. Becker claims the ship will be fully equipped this autumn. Name of the ship is MV Electra in honor of the great radio pioneer Marconi, whose experimental radio ship of the 1920s was also named Electra. It's a 27 metre long ship, an ocean going tugboat, currently undergoing renovations and being outfitted for radio broadcasting purposes. Allan Weiner: "The ship will be tough, sea-worthy with plenty of backup equipment on board." Three SW and one AM tx are going to be used.Output: between 5-50 kW. A gyroscopic stabilized satellite satellite receiving station will be located on board to receive audio feeds for the vari-

ous programmes that are planned to be aired. The people involved didn't want to have a larger ship, the ship must be very mobile because future trms won't be coming from a fixed anchorage. The ship can travel to those in need, it has the ability to sail to anywhere on earth. Political talk will be reduced to an absolute minimum. Many radio shows will be dealing with environmental issues. The organisation aims at a free radio voice for everyone, regardless in what areas people live. Funding is being made by investors who intend to have their pxs aired over the radio ship. Every interested organisation is offered to lease air time. A wide variety of programmes should be aired via the txs aboard the MV Electra. Every two months a new crew will be relieved. Deejays are already contracted (??), at present time negotiations are underway with potential advertisers. Interesting to know is which flag the ship will fly. So far this info is kept secret although authorities have claimed this info must be made public. During this autumn (provided work on the ship is finsihed) the ship will call at various US harbours including San Francisco. The organisation hopes to use the studio in the ship as a remote for landbased txs while visiting these ports. For those who are interested to participate within the new project, the Offshore Society has been founded: interested parties but also individuals wishing to help are being offered membership opportunities. According to Allan Weiner this is NOT a pirate ship. The ship will operate in Int. waters in the Caribbean and near Europe and will be in compliance with all laws. They don't intend to to operate near the USA because "the FCC thinks they own the airwaves." Other sources (Billboard Magazine) mention the French and Israeli coast. Possible SW broadcasts would be taking place within the 40 mb and up till now some 250,000 US dollars have been spent to convert the ship into a radio vessel. A 100 feet aerial has been erected. The FCC have announced to investigate the activities of LMB. Only when the organisation can produce evidence that they have registration from a particular country permitting them to broadcast, the FCC will leave them alone. So: Scott and Allan are warned!! Scott Becker's (who's an engineer at WEGP-AM in Presque Island Maine) address is Lightwave Mission Broadcasting, Kiowa, Kansas, 67070 USA. Tel.: 316-825-4209. Email: < lmb@tv36.com> and < director@pcaudio.com >. Website:

<http://www.yesterdayusa.com>. Special thanks to PiPa for the above info!

By the way: an American female author-Anita McGormick- is currently writing Allan Weiner's autobiography. It is now in the process of being edited at Loomapnics Unlimited. They have distributors in Europe, so with all the interest in Offshore/Free Radio in this part of the world quite a number of Europeans should perhaps be interested in buying the book. As soon as it's going to be published, you can read it in this ection of FRSGDX.

#### ANOTHER NEW PROJECT: MV MOON

Wednesday September 11th we received a message via the Internet from Silver Crystal Radio Newsline. When reading it, you will be reading all important facts regarding a new offshore project. The vessel which is involved is named MV Moon. As far as we know Paul Rusling is the man behind this newsline, the the British authorities wanted to question him about his involvement in any of the new offshore projects. At least, that must be the conclusion when reading an unabridged version of the text sent by SCRN by Email:

"Our latest Silver Crystal Radio News update went on line yesterday, a day or two too late, due to our needing to take legal advice. We have been approached by an authority in London enquiring how we are involved with any of the radio ships allegedly bound for the Northsea. We made a statemenmt through our solicitors and were happy for you to have this if its of any interest:

#### PROJECT MOON

1987 we were contracted to install into a ship a complete AM radio station. We advised on the conversion of the vessel and various equipment, which was installed into the ship in two harbours/dry dock in Port Everglades in Florida (it's between Miami and Fort Lauderdale). The work was done under jurisdiction of the United States and thus is not subject to any UK legislation. Further, the Marine Offences Act has a 2 year limitation and if no prosecutionis brought within that time, then no offence has been committed - thats the law. The 1990 Broadcasting Act beefed up the powers of the Authorities, but did



not radically change the involvement of UK citizens. The ship and proposed radio station- a Nautel 100 kW AM transmitter is on board with twin 400 KVA Caterpillar generators, plus studios- are owned by a US born Bahamian resident, who decided not to go ahead and advertise his drinks in this way. The ship and equipment was mothballed and when we checked, after a tip in May this year, we found it had been moved. We followed up a tip and contacted a well known European, who has, through a subsidiary it seems, bought it and sent it for upgrading. We suggested to him that we might be interested in further work on the facility and have had some discussions. We have NOT become involved in the refitting of the ship, and understand it is now under surveillance by staff from a UK Embassy in the country where it's now in harbour, getting repainted and further upgrades. We are not involved in any way with Allan Weiner's vessel which is not connected with this in any way.

#### CHANNEL 2000

We were also asked about our involvement in this project. Last year we were approached to install a radio station on board a ship and we visited the ship in harbour in the UK-Portsmouth. The company suggested they had been granted a licence to transmit in Israel, but were unable to get planning permission (building permission) for a high mast in the town of Haifa. We advised that a ship in the harbour with a high mast would not need such permission. We have previously been involved in such circumstances, most recently in Holland with Nozema, the Dutch state broadcasting concern. The Channel 2000 team decided to go ahead. At one stage a licence for such a station was produced and we have a copy of this document, which it seems is a fake, or was not issued to the organisation we were dealing with. We later stopped all work on the ship due to slow payments and had nothing to do with it once it became known it was for use offshore and unlicensed. It was suggested that, because we were the first such newsline to announce that the station was broadcasting and we gave the frequency and some information which can only have come from staff on board the ship, we must be involved in some way. We are advised that we committed no offence.

#### **GENERAL**

We further stated that the Silver Crystal Radio Newsline is NOT an offshore radio news service, but gives information on all kinds of radio developments, satellite, offshore, ILR and BBC, plus private stations in other countries. For example, last week we discussed the new licence in Oxford for a permanent student station. This week includes a look at the situation in Stockholm, Sweden, and a report from the IBC in Amsterdam, plus responses to suggestions of a 40% tax on satellite revenue. Anyone wanting to check the content can call (336-404505) (cheap rate 38p a minute, 49p at other times) and check this for themselves."

And that's the interesting MV Moon story reported by Paul Rusling. Recently Hans Knot reported that Rusling has vanished without leaving a trace: could this have something to do with future Offshore Radio?? Or with the long wave project at the Isle of Man (see FRS Newscorner). Only time will tell...

Early September we were informed by Andy Walker about a test broadcast from the MV Moon which was heard by BBC Monitoring at 4am Friday morning 30th August. Andy reported to us he's having the full story on this new station and the name of who is behind it. Andy:

"the shit will fly if the ship makes it to the Northsea and comes on air." Less than a week later Andy forwarded the following message:

"Subject: New Radio Ship is Coming???????? On Friday morning at 4am August 30th a test transmission from a new radio ship was heard by BBC monitoring in Reading (I do not have a frequency). The ship had been mothball for seven years in the US after the original project fell through, I believe it to be the old Marti project. The ship is a former freighter 340 feet long and was fitted out for \$2.5 million. There are two Nautel 50KW AM transmitters on board with a combiner to give single 100KW signal but it is not possible at this stage to give two signals on different frequencies. The manufacturer is doing some upgrading work on them but it is not known what just yet. The aerial tower is 246 feet high, she can hold 150 tons of oil and 60 tons of water. The new owner is spending a lot of money on her, it already had cabins for sleeping 32 crew and a Inmarsat installation for sending data to and from the ship. The sailing date is driving by the on air date and I've been told the project is political and the new owner wants to meddle with the next UK General Election!!!!! We can only wait and see if this project makes it on the air as the last date for an Election in the UK is May 1997. I personally think that a project of this nature is a bad idea and could screw-up any projects (no matter how slim) for a offshore music station in the future, but it would test the UK's 1990 Broadcasting Bill as long as the operation is legally sound with it's paperwork. Before anyone asks: I don't know where the ship is at this moment or where it was when it tested."

So far our news regarding new offshore projects.

#### COMMUNICATOR

By the end of June FRSGDX magazine reported about a possible sale of the Hit Radio Veronica radioship MV Communicator. It is no secret that the Veronica group wants to get rid of the ship because the explanation is far too expensive. And in addition: the results of the 50 kW Harris AM outlet on 1224 kHz are very disappointing. The efficiency of the 828 kHz outlet, utilizing only 25 kW is much better. Sources within the Veronica organisation have stated the ship has been sold. The radiovessel with its giant 58 metre red-white painted antenna tower will be available to its new owners as soon as the Dutch authorities have allocated the FM & AM frequencies to the national and commercial radio stations. This reshuffling is scheduled to take place April 1997. Two names are circulating: Nico Volker, the man who was- on behalf of the Holland FM group- responsible for buying the Communicator in Portugal a few years ago. Much to our surprise the name of Herbert Visser is also mentioned. He has bought the ship for broadcasts in the Caribbean. On being asked, Herbert declared that he relegates the whole story to the world of fantasy. The purchase price amounts to 250,000 English pounds.

Last news: Holland FM is considering a restart with pxs from the MV Communicator. At this moment it's not known how the station will be run. Fact is that Nico Volker, who was one of the key-figures responsible for buying the Communicator in Portugal, confirmed the afore-mentio-



ned plans.

That means that all other stories about organisations buying the ship must be relegated to the world of fantasy.

#### **VERONICA REUNION**

More than 200 people were invited for a reunion of former Veronica employees. The place of the event had to remain a secret to prevent that a great number of offshore/Veronica supporters would also try to visit the reunion. This was the first activity of the Norderney foundation, more are to be planned in the future. By the way: the meeting was held in Hotel Laapershoek in Hilversum, once being the Veronica building. RTL TV made recordings which will be broadcasted in one of Tineke's TV shows on RTL4. Tineke was presenting radio shows on Veronica between 1960 and 1974.

If you are an oldies fan: Ad Bouman, the only Veronica employee of the 60s who still working on the station, presents an excellent weekly 2 hour oldies show on HitRadio Veronica 828 & 1224 kHz AM. The show can be heard in the night from Friday to Saturday 00.00-02.00 CEST. Every show (with fantastic jingles) he features a particular year, often offshore extracts are played and regurlarly he plays rare Fab 40 records. August 31st Ad presented a special with music from the 1960-1974 Veronica offshore era.

#### FREE RADIO MEETING EINDHOVEN

The Free Radio campaign Germany publishing twice a year Radio News, the excellent German free radio magazine, have planned an Offshore sales meeting in the centre of Eindhoven. It's a five minute walk from the railway station to the Trafalger Pub, the place to be! This meeting is organized for Free Radio fans from Germany, Belgium and the southern part of the Netherlands. SMC/Freewave (organizing the famous annual Haarlem Offshore day in March) will be attending the Eindhoven meeting. It all starts at 12.00 in the Trafalger Pub, Dommelstraat 21 in Eindhoven.

Some more news regarding the FRCG: from now on they can be contacted via Email:

< FRCG@SatelliNet.de > .

Their homepage on the World Wide Web is as from 1st October onwards:

< http://www.satellinet.de/radio-news >.

#### **OFFSHORE ECHOS**

The latest edition of this excellent publication focusing on offshore radio was published early July. Issue 105 contains a reprint of Radio Scotland's legendary 1960s info-booklet, the Radio Scotland Story, a Paul Rusling story regarding (his involvement with) the Channel 2000 project, the Laser Story, Radio Normandy and Radio Caroline. In addition there are many excellent photos. Sample copies cost f15,- (£ 6.00). Add: OEM, Chris Edwards, Box 1514, London W7 2LL.

#### **EAP CATALOGUE**

East Anglian Productions distributed a new and very colourful catalogue in July. Apart from the well-known stuff, EAP is offering a 4-double Caroline CD and a Radio London double CD (not the same as the one produced by Hans Knot earlier this year!). Mind you: both products are not available yet. So don't send any money but await the moment they really are available. EAP has a very good name when it comes to offshore radio products but at the same time a bad reputation when it comes to the delivery of products. In the past it frequently happened that articles were advertised from which the production had to be finished yet. Keep an eye on this column, no doubt FRSGDX will inform you when the products are really available via SMC which is the official EAP representative in the Nether-

#### RADIO BITS & PIECES

#### AUGUST 14th

Wednesday August 14th Eric Wilsher-known for his Satellite Surgery Show-paid attention to the 29th anniversary of the MOA via Astra satellite station Country Music Television. Eric is presenting his weekly Satellite Surgery on CMR, Country Music Radio, the station which is off air at the moment this info is being typed out. BBC Radio Norwich and BBC Radio Derby also pay attention to the 29th MOA anniversary. Rumour: Caroline

would be bidding for the Medway ILR-license. Where do they get the money from?

#### CAROLINE ON INTERNET?

Johnny Walker has conceived a plan to start a homepage on the Internet. Subject: the history of Radio Caroline. He also considers the idea of restarting Caroline's SW trms from Ireland, at least, that's what we are told.

#### WHERE ARE THEY NOW??

Es Erwin van der Bliek, former Radio Monique deejay, was active in the Rotterdam radio scene in the past few years. As from June onwards he can be heard on Hit Radio Veronica's 828 & 1224 kHz outlets each Saturday between 21.00-01.00 CEST.

Garoline and Luxemburg presenter Emperor Rosko is considering the idea of returning permanently to Europe. Rosko is to be heard weekly on a number of English FM stations. Since early July he's also on Breeze AM every Sat evening from 19.00-21.00 CEST. Breeze AM can be received in the western areas of Belgium and the Netherlands. Rosko also works for the new satellite Classic Gold service.

\*\* Former offshore on air personality *Tony Blackburn* had to interrupt his show on Capital Gold because a lot of smoke filled the studio room from which Tony presented his show. Repairs on the air-conditioning caused a little fire causing on its turn causing the smoke.

Sat June 26th we hear that former Radio Nova boss Chris Cary was arrested by the police of Claygate, Surrey. Also his partner Richard Jones was handcuffed. The two were arrested at the moment they were entering their business premises. As if this was not enough, Cary's 3 million pound villa was ransacked plus business premises in Ireland. Reason for this action was that both men were dumping illegal satellite decoders worth many millions on the British market. Several satellite companies were thus losing large amounts of money. Cary's Rolls Royce with the licence number THE 60S was confiscated. Chris Cary started his radio career on Radio Caroline in 1967. In the early 70s he joined the crew aboard the Mi Amigo off the Dutch coast presenting pxs under the name Spangles Muldoon. During a brief period he worked on the Mebo II for RNI. Radio Luxemburg was aware of his talent and during a longer period Chris Cary was



programme-controller of the Int. Service on 1440 kHz. In the 80s Chris moved to Ireland where he became the key-figure behind the very successful Radio Nova operation. This Dublin-based semi-pirate used to attract huge audiences and also in financial respect Nova was doing very well. After Nova and other Irish stations were forced to close down Cary did an attempt to bring back Nova via satellite but after a very brief period of Astra broadcasts the project failed because of lack of advertising. Nowadays Cary isn't active anymore within the radio-industry, in his personal view money-makers must focus their efforts at the television indus-

Radio Caroline in the USA and joined Radio Caroline in the second half of the 80s. Her name: Jodie Scott. Radio Luxemburg offerd her a job after discovering her radio talents. Jody went ashore and remained presenting shows on the Great 208 till the close down. Jodie decided to stay in the Grand Dutchy and joined Sunshine Radio, a station which was a kind of regional successor of the Int. Service of Radio Luxemburg. In the mean time Jody has left Sunshine following disagreements regarding the station's programme format. She's currently to be heard on the French Service of RTL.

the radio world. Eddie Blackwell will leave the radio world. Eddie who's currently involved with GWR started his career in 1964 working at the sales office of Radio London. It was the same Blackwell who attempted to stop Laser 558 from broad-

casting to the UK in 1984. In those days he was working for Essex Radio, the station which lost a lot of listeners because of Laser's popularity.

Carl Kingston, ex-Caroline and ex-VoP deejay, has left Aire FM and joined Leeds-based ILR-station Magic 828. On Magic Carl will be hosting two weekend shows.

Mike Ahearn was to be heard as a substitute on RTL Country in London in July

and RNI jock, has plans for a new classic rock station via satellite and cable. The station would be named Arrow Radio, broadcasting from studios in De Hague. The new station broadcasting non-stop American oriented classic rock could already commence trms in September or early October. No doubt Joost will also opt for a terrestrial frequency. Joost den Draayer was founder of the first-ever Dutch satellite delivered pop music station: Cable One. See also: Made in Holland.

For some time he was one of the keyfigures behind Jazz FM in Manchester. His name: *Robin Ross*. He played an important role at the time Caroline reurned on 963 from the Ross Revenge August 1983. Robin is back on the wireless on Jazz FM during the weekend.

Remember the name of *Dennis King?* He was active for Radio Caroline in the 1970s working at the station's administration in the Caroline House in De Hague. He presented a handful of shows. Toge-

ther with Johnny Jason he presented (at an irregular basis) 'The Berlin Hour' on Caroline for a two year period. When he left Caroline, he went to Berlin, Germany, presenting the German version of the Europarade (originally a Dutch TROS production). Last year he left Berlin and nowadays he's active on commercial station Das Antenne.

Bob Stewart and Keith Rodgers are currently working for Fame 1521. A few months ago the Independent Radio Group bought Mercury Extra AM and changed the name into Fame 1521 aiming at a 35+ age audience. The format of the station is quality pop btween the 1960s and 1996. Bob Stewart is known for his radio work on Caroline North and Luxemburg, Keith Rodgers is known as Dave Rodgers on Radio Northsea Int. & Radio Atlantis in the early 70s.

Several familiar former offshore personalities are currently working for the new station Classic Gold: Johnny Walker, Paul Burnett, Emperor Rosko (from LA., USA), Dave Lee Travis. For more info re

garding this highly interesting radio station just take a look in 'News from around the World'!

Taylor Cash started presenting shows on the new station 1458 AM Lite. This staion has replaced Fortune 1458 in Manchester. Dave started 9th Sept. and presnts the morning show. Former VoP jock Phil Wood is the second former offshore deejay on 1458 AM Lite.

## ARTIOM REPORTS..

First of all let me thank those of you, who connected me by Email after reading my column in FRSGDX 140. It was so nice to know, that many DXers and OPs in Europe and the States remember RWBI operations. And now, let's start another story... 1996 little by little is driving to its end, but it's necessary to note, that every new month brings us much more exiting news, regarding the Russian Pirate Scene as well as European Free Radio catches. I guess, both topics will be interesting to point out for all our readers. For a very

long time I opened my column with complaints on RWBI death. Needless to say, it was a great pity, but more than two years of Russia's Number One absence quite doesn't mean, that Russian Pirate Scene is dead. Not at all, meanwhile, I can affirm so after looking what's up on the battle field. I felt a bit divided, when reading the news on RADIO SAMOROD-INKA in "The 76 mb report" (issue 140, page 8): one part of me was certainly glad, that activity of this low-power station was registered in Europe, but "the other I"

felt a bit out, because it wasn't me, who must inform the first on all Russian FR events. The only justification is that SA-MORODINKA is located in "a dead zone" for me. In July the station was noted here only once (July, 27 on 3924 kHz with close down at 20:25 UTC). For another time appearance of this station was fixed on August 31 after 20:00 UTC on 3923 kHz. Let me remind you that the outlet is operated by 65 years old person, who imitates official broadcasting, announcing on the air a "Licence Number", which



surely has never existed. The rumours said, that power of the rig could be 10 or 450 w. The exact station's location is the South West End of Moscow and address for contacts: Shishkin L.S., P.O.Box 898, Moscow 101000, Russia.. Some Russian DXers got QSLs produced on a colour printer.

Another Pirate station from our soil unexpectedly appeared on 76 m, I mean, RUS-SKOE RADIO (Russian Radio) from the Caucasus region. Previous planes of RR OP were to try a range around 5800, but I was quite amazed to pick him up with a great signal on 3935 kHz on Sunday night, August 4. He run more than three hours long transmission, playing techno music. The only sad thing is rare announces (one time in 45 minutes). One night before (the usual weekend Pirate time) on the same frequency was heard UNID station with much worse quality. But its format was quite similar on RR one; non stop techno music. IDs could be not audible due bad conditions then. The weekend night of August 31 brought us another catch of RUSSIAN RADIO on 3945 kHz at around 22:15 UTC. Taking into consideration its signal strength here is reasonable to guess, that the station has reached the rest of Europe. According to the latest news got from the station OP Victor at this time uses Russian-made military transmitter R-647 with the power of 150 W. The aerial: inverted V erected on about 35 m high off the ground. Before appeared on 76 m (starting since early of August) RR broadcasted on 5620 kHz during all summer months. Strange or not, but during that period on this frequency in Moscow Peruvian station Radio Illucan was heard with a good signal strength... Any tail of the Russian Pirate was catched. By now besides 76 m Victor often operates on the frequencies 2920 kHz (SSB mode) and 2980 kHz (AM mode). RUSSKOE RA-DIO confirms reports with the cards containing full technical datae, but, unfortunately, without details of report (date, frequency heard etc). Mine is the 4th. Contact address : Victor (RR). P.O.Box 7, Nevinnomyssk 357030. Russia or via his QSL manager: I. Elizarov, Pervomayskaya Str., 8/10-3. Rostov-on-Don 344019. Russia. You can also use my email address < artiom@hlpcia.redline.ru > to reach the station a bit faster. In his letter OP Victor also mentioned, that another station from the same town called YUZHNOE HOB-

BY RADIO (SOUTH HOBBY RADIO) was noted on 76 m, but with quite rare operations. It hasn't been heard in Moscow lately. Now let my eyes to be turned to the West. At last propagation conditions got better. It is concerned 76 mb, as well as 48. This time Europirates have become usual and (what's interesting) not only on weekends! ince April 1996, when we first found out those changings, SW airwaves brought us many stations well-known since days (or nights?) of 1990-91, as well as some new voices. Between the first ones I could mention "All-five" LWR, WMR, Subterranean JRR from Ireland, Sounds from UK, Swedish Starshine R. The other ones are: Grensjager (which has been one of the most actives and one of the loudests), SCR, Speedwing R., CWR, R. Blue Star, Level 48 from the continent and WMS, RFL from The Foggy Albion. The latest one is the most permanent station here. All of Andy's broadcasts are well heard not only on 3945 kHz, but also on 6400 kHz from time to time. Too much QSOs were catched. The great cross QSO sessions were made by LWR and Grensjager. The last one was noted on Sunday late night time (July, 28) followed by talkies with Communication, Meteoor, Red King and IMR. Grensjager was heard another weeknight (August 9th on 3927 kHz at 00:15 UTC) with best wishes to other Pirate OPs and listeners. At first all these appearances looked a bit weird, as we thought Europirates like sleeping on weeknights, while the most do... only some not. During summer months also some misteries were shown on SW. One of them took place on the evening around 19:00 UTC, July 7th. It was bad modulated transmission of Radio Veronica in Dutch on 6295 kHz. On this channell Reflections Europe usually goes on the air at these hours, but it sounded, that Veronica recordings were played from another tx site. Strange, or someone could clear up indepths? Danish independent musical station Radio ABC-Denmark since June 23 started SW broadcasting every Sunday 08:00-12:00 UTC on 7570 kHz via 120 kW tx located in Kaliningrad on the Baltic Sea coast. Behind the project is Stig Hartvig Nielsen who used to appear on Radio EDXC 95. In my opinion, the station has a piece of Pirate traditions in presentation, while Mr. Nielssen said, he was involved

in Radio Viking operations "long time ago". The outlet could serve a good choice for every FR fan in distant regions as Russia is, if conditions would go back worse. Moreover: Mr. Nielssen presents the excellent DX Report - the need for all keen DXers. It comes on the air at 11:30 UTC. Before to close down there are some bits and pieces from MW. A dutch amateur zender is quite active at this time on the frequencies around 1636 kHz. Noted was identification sounded like "Mario" and mentioned address in Goor. On August 10th, 1645 kHz was used by Radio... International, playing Eastern-like music. 100% - it was not a Dutchie. Maybe Greek? Playing music lately has become more and more popular among Russian MW-hooligans as well. One night at the end of August (Aug. 27-28) saw three stations simultaneously (1645 kHz: Radio 10th, Orel; 1660 kHz Radio Orbita, Novgorod; and UNID on 1673 kHz). In all cases nonstop music and rare IDs were on the air between 23:05 and 23:35 UTC. In ham circles this type of unlicenced operators got the name of "organ grinders" because of using poor tape players and bad tuned transmitting quipment. Music shows aren't their main interest, you see. Just after good byes and best wishes from whole Russian Pirate Land and personally from me I was willing to leave you with the "Artiom Reports" Picture Corner. For this issue I prepared three photos from the pages of "Latin diary" - a on the waves of Radio weekly show RaKurs (792 AM), which is celebrating its Second Anniversary late in September. Due to technical reasons these photos have not been included in this issue but will be part of the December one. Apologies!! Espessially for FRS Goes DX reported yours truly Artiom Prokhorov. See you next time in Christmas edition.

A final piece of news which reached us just before going to the printer. Atiom sent it by Email forwarding a message from the Russian Radio OP:

"These days (beginning of September) my mast was seriously damaged by the hurricane. Due to these circumstances I have to go back to 52 m (5.6 - 5.8 Mhz). Please listen to my station on this range (5620 Khz is preferable frequency of RR there) and inform about quality of the signal. OP Victor."

Sunday October 20th: FRS-Holland's 16th Anniversary.... Make sure you participate with your very own FRS memory!

### RADIO ABC DENMARK

Compiled by Peter Verbruggen

Friday June 21st we received a press release from Denmark in which the start of a brandnew SW station was announced. The news came like a bolt from the blue. No-one had expected the start of a new commercial radio station on SW. Sunday June 23rd Radio ABC Denmare officially commenced trms to Europe and beyond on 7570 kHz, a very clear channel. At 07.58 UTC the 120 kW transmitter was switched on ann less than 3 minutes later E.L.O.'s "All over the world" was received loud and clear in all corners of Europe.

#### THE RADIO ABC GROUP

Radio ABC Denmark is in fact the International Service of the Radio ABC group in Denmark. Radio ABC is one of the most successful independent commercial radiostations in Denmark, broadcasting since 1990 and by now offering third station is Radio Alfa broadcasting on two FM frequencies for Eastern Jutland has a different musical output: oldies, Danish "schlager" and country music. Radio ABC has grown from worst to first in the past six years. The Radio ABC group has the highest daily reach among the Danish private commercial radiostations. The daily reach is 156,000 and the weekly is 327,000 listeners!

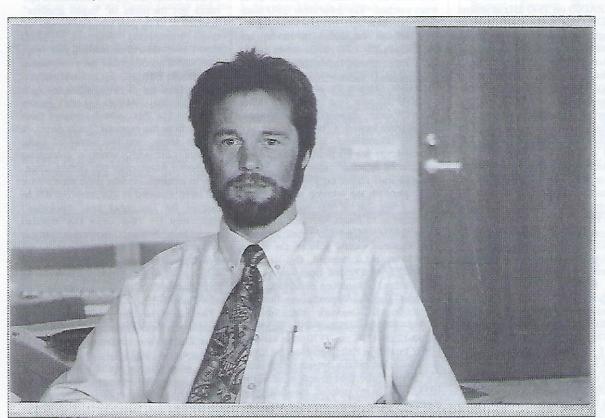
#### HOW ABC STARTED

General manager of Radio ABC since 1990 is Stig Hartvig Nielsen who was appointed station-manager of a small youngster radio station, 'Up-Front FM", in 1990. He immediately changed the name to Radio ABC, in addition the music format was changed. Stig-Hartvig Nielsen has proved to be a very successful station-manager. Some 30 employees are working under the flag of the Radio ABC group. Stig-Hartvig also has been a very active DXer for 25 years and still is. He's founder and chairman of the independent "Dansk DX Lytter Klub" (DDXLK). Stig Hartvig was previously manager of Radio Viborg, still among Denmark's most popular commercial

Hartvig Nielsen was involved with SW free radio. His very first projects were Radio Free Sunday & Radio King Kong, that was in the mid 70s. Then came Radio Viking, on that station Stig-Hartvig was presenting shows under the name Oscar Hansson. Viking was run from his home for most of the time and was one of the more popular SW free radio stations attracting quite a number of listeners.. 18 years ago, Sept. 10th 1978, Radio Viking was raided by Telestyrelsen, the Danish Telecom Agency. Following that raid he did a few shows on World Music Radio. Salient detail: a former Radio Viking and ABC Europe collegue of Stig Hartvig is working as a deejay on Radio Viborg (SW enthusiasts who already listened in the 70s must recognize the name Paul Dane)! Stig-Hartvig persuaded Paul to join Radio Viborg many years ago and since Stig-Hartvig left Radio Viborg, his friend Paul has been in charge of the musicpolicy. January 1990 Stig Hartvig was responsible for the start of Quality AM, a Danish SW pirate broadcasting on 9985 kHz in the 31 mb and a few times on 15050 and 21850 kHz as well. Unfortunately this project didn't last very

> long, only months although the tx was heard all over Europe and in many states of the USA! A few years ago Stig-Hartvig Nielsen already made an attempt relaunch World Music Radio commencing legal trms in the 19 mb from a transmitter located in Bulgaria. This plan failed however. During the past few years attempts to start operations from Denmark have been made. Plenty of letters were sent to the Ministry of Culture applying for a license and also trying to persuade various politicians to work for a liberalization on this matter- simi-

lar to the now liberalized access for starting a satellite station. The attempt failed. The Danish Telecom agency (Telestyrelsen) has been supplying the Ministry of Culture with plenty of recommendations not to let anybody else but Danmarks radio operate on SW. They even told some complete lies



General-manager of Radio ABC and key-figure behind Radio ABC/Denmark on SW: Stig Hartvig Nielsen. Photo: ABC

three different services in Danish. Radio ABC Ostjylland- on the air since September 1990-broadcasts on 7 different frequencies for Eastern Jutland. Northern Jutland is covered by the 4 transmitters of Radio ABC Nordjylland since May 1992. Both Radio ABC/ Ostjylland and Nordjylland are IDing as "HitRadio ABC". The

radiostations.

#### A POTTED HISTORY

Is the start of ABC on SW in one way a big surprise, on the other way it's a logical sum when looking at a few facts. Already in the 1970s Stig



about SW clearly indicating that the Telestyrelsen people don't know anything about SW. After one more declined application to the Danish Ministry of Culture, Stig-Hartvig Nielsen decided to go on air anyway and only one possibility was left: renting airtime abroad. He approached Russian authorities asking for the possibility to start operations from Kaliningrad (which is a Russian enclave in Lithuania near the Baltic Sea). After a few months of discussing the frequency, a price and a schedule was settled.

#### RADIO ABC FACTS

No doubt the start of ABC was well-prepared. Most impressing is the excellent signal. 7570 seems to be a very good choice and the powerful 120,000 watt tx at the Bolshakovo transmitting site near the border to Lithuania enables people to receive the signal not only on rather expensive SW receivers but also on simple transistors without outdoor aerials. A directional curtain antenna directed at 260 degrees west is in use. Radio ABC Denmark transmits each Sun from 08.00-12.00 UTC, during winter time from 09.00-13.00 UTC. Programming includes the official Danish airplay Top 30 at 10.00 UTC (presented by Stig-Hartvig Nielsen) and a Mailbag Show at 09.00. The latter show is presented by two Nielsens: Stig Hartvig and Claus. For

DXers and SW enthusiasts there is a weekly ABC DX-Report at 11.30 UTC hosted by the man himself, Stig Hartvig Nielsen.

June 30th during ABC's 2nd official broadcast there was a problem with the

a problem with the output on 7570 kHz, since the ABC programmes were mixed up with the signal of the BBC satellite feed from London to Moscow. Obviuosly a mixing problem in Moscow or Kaliningrad where they must have fed two different programmes at the same time to the transmitter. Luckily ABC was on top most of the time but listening was rather unpleasant that day. 1st September saw the welcome return of Paul Dane on SW: he's hosting the 11.00-11.30 UTC slot. Certainly Paul is making ABC's pxs even better!

#### RESPONSE FROM LISTENERS

So far many listeners responded to the station's pxs. Reports have been received from all over Europe and even Northern Africa. As from September Radio ABC/Denamrk is also regurlarly heard in Australia and New Zealand. And unmistakenly a lot of SW free radio listeners dropped ABC a line, just listen to the names being read out in recent months during the mailbag show between 09.00-10.00 UTC. It looks like ABC attracts a great number of free radio DX-ers simply because the station produces good and professional programmes, something which unfortunately lacks on the European SW free radioscene for already many, many years.

#### THE FUTURE

Stig Hartvig Nielsen has agreed on a 3-month contract with the Russians in Kaliningrad, Russia. So far all seems to go very well, it looks like the 3-month contract will be expired. Pxs are recorded on DAT tape in Denmark a few days beforehand. Then they are forwarded to Moscow by DHL courier service. So far this has proved to

work perfectly. At a later stage ABC will be investigating the possibilities of having pxs fed by satellite.

#### **PRESS**

In connection with Radio ABC's debute on SW- June 23rd- there was a massive press coverage in the Danish media. The most watched national news-cast on TV at 7 pm local time from TV2 carried a story about the new SW station. In addition there was a long story on the regional TV station plus of course many articles appeared in various papers. After a few days the case was brought up in the Danish parliamant by one of its members. In his opinion it was completely silly that a Danish radio station had been refused to operate on SW from Denmark being forced to switch to Russia.

#### RADIO ABC INFO

Up-to-date info on Radio ABC and the SW broadcasts on 7570 is available at < http://www.radioabc.dk >. Email address is < mail@radioabc.dk > . The station can also be contacted via P.O.Box 174, DK-8900 Randers, Denmark. Any contributions for the DX-programme can be sent by Email but must arrive at Sunday before 16.00 CET. A reception report by Email: ABC has a reception report form available at the station's homepage on the Internet!



ABC's studio-building in Randers, Denmark. Photo: ABC.

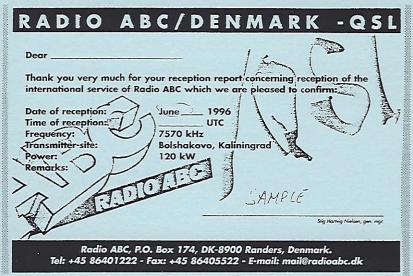


#### **QSL CARDS**

Just before finishing this article, FRSGDX received four different samples of qsl-cards. These excellent colour photo qsl's feature 4 different motives having a size of 19x13 cm. They are printed in a very professional standard, that indicates the people of Radio ABC/Denmark care about

their listeners and take things very serious!!

Each month a different QSL is being issued! The June one shows a nice young lady, smiling with a little SW receiver in het lef hand; the cover of the July one is a photo taken at the ABC Beach party in Grenaa July 13th 1996 with "Basic Element" (popgroup) on stage. A microphone is on the cover of the August QSL. The series is completed by the September QSL showing a naked girl (naughty, naughty Stig-Hartvig) carrying a transistor radio on her shoulder. Perhaps disappointing: the QSL only shows the back of the woman...



The backside of the excellent Radio ABC/Denmark qsl-card

People who are eagerly awaiting their QSL-card: all cards are currently forwar-

ded. No doubt your patiencehas ben amply forwarded!!

## Joop Ter Zee's ALTERNATIVE (fucking) THOUGHTS

\*\*\* Yo, dudes \*\* Whot'a good thing that I don't have to think so much anymore \*\*\* First, I had to think monthly, then bimonthly and now quarterly... \*\*\* When we have our (special) 17th birthday I don't have to think at all... maybe.. \*\* Last months, it seems, lott'a supposed to be retired folks all come to live again via the I-net. \*\*\* Remember Franky Fanatic ?? \*\*\* "Heel HHarteluk Whellkomm" \*\* There will be a lotta domestic fighting when the first phone-bills arrive ... :-) \*\*\*\* Let's see which race will be ran now \*\* Who has the first ISDN ?? \*\* Prep's are taking place to celebrate our 16th birthday \*\*\* Seems Verbruggen wants to make a family-gathering with a sort of family-in-law of ZeeMan... \*\* Ha, crypto stuff here... \*\* When he would know, he won't \*\* Maybe one of the shows could be hosted by a Corsican Chick, the owner of the shack \*\* Cool \*\* Before the dude knows it he will be blackmailed by the mob \*\* So, despite of some location prob's everything is going fine, over here \*\* Rumour has it that even the (indisposable, or what was he ??) Barry Stephens is back on the air \*\* And in Holland everybody is being \*nice\* in order to get a frequency in April \*\* Even Harding \*\* Time to kiss some asses \*\* A survey in Holland showed that a minority want's to pay for commercial televison \*\* Makes you wonder why.. \*\* The Dutch 'consumentenbond' (that's a kind-a Greenpeace for RTL-4 viewers) wants to sew the Dutch HMG for switching to digital channels on Astra \*\*\* Haaa..\*\*\* They're afaid they can't see this facelifted bimbo anymore \*\* Daily at five... \*\*\*\* What to cook now ?? \*\* I can't

remember my daddy writing an nutty letter when the wireless switched to FM \*\* There he was with his fresh wife and stateof-the-art MW tube crate radio \*\* Guess people who live in the country think they can stop technologie \*\* Pathetic dudes \*\* Anybody knows whot happened to Cookes ?? \*\*\* These days you only see bad English speaking girlie's in tight shirts on MTV \*\* Guess those nipple-Annie's have to get back those 30-40 yr.'s from VH-1 \*\*\* Soon it will happen again... our pirate-diner \*\* That's when we get drunk, talk a lotta rubbish and all the women look pretty bored \*\* Can't imagine why Verbruggen invites Fred van Es and \*not\* Funny Chris \*\*\* While this German dude was much more popular than van Es \*\* And was was this grafitti on the attic of Verbruggens mum ?? (the main studio...) "Anthony sucks..." \*\*\* Nowadays a double portable cassettedeck will do fine as main studio.. \*\* Yes! nobody gets spared is this column... \*\* So I guess this other Chris will come to this 'special' dinner ??? \*\*\* When his phonebill isn't to high ?? \*\* Can you imagine it: the ZeeMan on IRC \*\*\* Haaa.... cool.. \*\*\* Chatting on the I-net, it's like these fucking republicans themselves are the op's \*\* I got this 'ban' on the Internet-chat-bar \*\*\* NO CAPS PLEASE \*\*\* OR ILL FEEL OFFENDED \*\*\* It's like I'm on the Staphorts-Community-Channel.. \*\* (Staphorst is a place in Holland where people live who think everything, diseases and all that, is God's will...) \*\*\* Have to run \*\* Gotta book a small trip to... well you know... \*\*\*\* I'll have an ouzo on ya all \*\*\*

## FRS NEWSCORNER

#### SUPPLEMENT

As there's a lot of FRS news to be reported this time, a FRS Newscorner column was planned in issue 141. But: it's a habit to compile FRS Newscorner in the very end, so we discovered that already 28 pages were produced. It's not possible to make a magzine containing 29 pages. It must be 24, 28 etc. Problem... After a while the decision was made to enclose this column as a seperate supplement, hope you dont mind. There's simply too much news to skip this column.

#### FRSGDX 141/142

In this issue you have to miss Ian Biggar who's featuring the history of European SW Free Radio. Ian will be back next issue. Unfortunately we also have to miss Andrew Yoder who send an Email telling us he's too busy at the moment. Hopefully he will make it in December.

As we may believe the reports, Offshore Radio could be making a come-back. That's the reason that we have a very comprehensive 'Sounds from Offshore' column. Something which was finished to be included in this very issue is a feature called 'Border Radio'. It's about the US powerhouses which used to blast their signals into the USA from Mexican soil. It will be featured in FRSGDX 142 which will be out more than a week before X-Mas. In this way we want to ensure the magazine reaches you before and not after X-Mas!!

#### **FRS-HOLLAND NEWS**

#### July 28th broadcast

Sunday July 21st FRS-Holland had planned a summary 3rd Sunday broadcast. Tapes were sent on Monday -sent by special messenger- but that's not a guarantee the package will arrive within 5 days... Shame on the British Royal Mail!! As a result we had to switch to the 4th Sunday. In actual fact the broadcast started Saturday evening at approx. 22.00 CEST. Pxs continued till the early Sunday evening and the 4-hour programme block was repeated a total of six times. Reception was varying between poor and good depending on where the reception report was coming from. In Italt for instance the sig-

nal was remarkably good! During the nightly hours FRSH was picked up in the US, two reports were received. Nice indeed. All FRS jocks were involved with the July pxs: Joop, Tony, Stefan and Peter.

#### SUNDAY AUGUST 11th

Sunday August 11th FRS-Holland tested to the US starting at 00.00 UTC. The broadcast ended at 02.00 UTC and was carried out with our own transmitter. Peter and Joop did one hour each. Of course we were very curious and already two days later we were informed our signal had crossed the Atlantic. Someone even heard us with a SIO=333!! Imagine our surprise knowing that person did NOT send a reception report... But, luckily there were others who took the trouble of writing us. Reports reached us from Russia, the US and Ukraine.

#### SUNDAY SEPTEMBER 29th

Yes friends, next Sunday FRSH takes to the airwaves, most likely on 6275 kHz. The programme-schedule for September:

00.00	Opening: Ids/ theme tune
00.05	FRS Magazine- Peter V.
00.50	German Show- Stefan Kramer
01.40	FRS Goes DX- Peter V.
02.25	Joop ter Zee Show
03.15	FRS Golden Show- Tony Mit- chell
04.00	end of 4 hour block/ start of new block.

Mind you: 00.00 is not the time but marks the start of the broadcast. 04.00 marks the end of the broadcast after 4 hours of broadcasting. At that moment we start again with opening etc. And that repeats itself six times. So we cannot use time checks in the show. It's more a matter of "Good evening, good night, good morning or good afternoon"!!

The Sept. broadcast is an ideal opportunity to promote our special Oct. shows. Although not all details are known at this very moment, some info can/will already be given....

#### ...Sunday October 20th: FRSH's 16th anniversary

October will see our 16th anniversary and each of us is looking forward to that special broadcast! Preparations already started in August and in the mean time most

work is done except the actual programming...

#### Frequencies and times

☐ FRSH's birthday programming will take off at approx. 21.00 UTC/22.00 CET on the evening of Saturday October 19th. That broadcast will continue till Sunday evening (similar to the Sept. broadcast). Frequency depends on what we will/can do with our own txs. Most likely we can use the same location as last year starting at 09.00 UTC/10.00 CET Sun mornings. On that location we will be running a power of approx. 150W on a frequency within the 48 mb. That means that we consider the idea of broadcasting on 41 metres/7473 kHz via the tx which already starts on Sat evening (RFL in London).

In addition we hope to be on air on the night of October 19th to 20th on 76 metres (3910 perhaps) with our full schedule. That broadcast will be run in parallel with a second tx on frequency which is uncertain at the moment. 76 metres could give an excellent signal as we hope to use high power. Mind you: the 76 mb operation is not 100% certain. But try to catch us, it'll be worth while. If we are on 76, the start will be at approx. 23.00 or 00.00 UTC.

All in all we could be on three frequencies during the night and on two frequencies during daytime.

☐ As a kind of threat we have decided to involve (as many as possible) the listener(s) in the Oct. programming. We already used a number of ideas in previous birthday parties: Fact Files, programme extracts of different years etc. This time we try to put the listener in a central role. The main idea is that listeners send us a memory, an anecdote they have, related to FRS-Holland.

Generally speaking it must be something between you-the listener- and FRS-Holland. Listeners have to write it down or tape it, they may also send an Email. Joop ter Zee has send Emails to a great number of people, he has put the info on our homepage (already hundreds of people have visited our website) and sent it to several radio-related newsgroups. You see, we try to give as much publicity as possible.

<u>Very important</u>: if you are willing to participate, your contribution must be sent within 10 days!! Deadline: Thursday October 9th!! We count on you......



Sunday October 20th you, the listener, are at the centre of FRS-Holland's 16th anniversary! At least, if you'd like to....

During our special birthday celebration party we'd like to air your FRS memory, an anecdote or whatever you prefer. There's only one simple condition: your story must be related to FRS-Holland. What comes to your mind when thinking of FRS-Holland's past 16 years? Perhaps a specific broadcast, your first qsl, one of the deejays, a particular record or hearing your first FRS letter read out on air. Or more general: FRS' programmes, the 3rd Sundays in the 1980s, the FRS music format. It can be anything....but it must something between you and FRS-Holland.Don't make it long but original!!

We guarantee your contribution will be read out during the birthday shows 20th October.

What you have to do? Send your very personal FRS memory written on a seperate sheet of paper as soon as possible to: FRSH, Birthday, P.O.Box 2727, 6049 ZG HERTEN in the Netherlands. You can also email us at < peter.verbruggen@tip.nl > or < joop.ter.zee@tip.nl > A third possibility is to tape your contribution on cassette. Enclose one IRC and in return we'll send you a FRSH studiorecording. Deadline is October 9th.

If you are a true FRS supporter, you take part in our celebrations making yourself part of our celebrations.

- ☐ The music played in the October shows will be from the 1980-1996 FRS era.
- ☐ There will be a listener's competition

with nice prizes.

■ Listeners can get themselves a very special birthday QSL-card.

There's only one thing we hope...that the October broadcast will be a huge success. With your help we will succeed!

#### NEW FRS-HOLLAND INFO-PACKAGE

Finally....in October FRSH will be introducing a brandnew, fully updated infobooklet (8 pages!) containing much general info: programme/music philosophy, deejays, a potted history, FRS Goes DX magazine. FRS Sales Productions etc. Listeners can obtain this booklet & QSL & sticker\* for...

two irc's/ three German DM 1.00 stamps/ two US dollars.

For an <u>EXTRA</u> irc/ German stamp/US dollar a large A5 size multi-coloured sticker will be included as well (which is different from the above-mentioned one\*).

It must be at least six or seven years ago that the previous general info-sheet was updated. All the info which was compiled and produced for our new Website is also used for the new general station info-sheet. All facts from the past 7 years have been used to fully update the new info-booklet.

☐ In the October/November period FRS Sales Productions will introduce a fully renewed, updated catalogue containing hundreds of recordings from radio stations all around the world: offshore, landba-

sed, documentaries, jingles, SW etc.

The completion of these lists has been postponed a couple of times, that's simply due to lack of time. However: most of the job is done and the lists will contain many new tapes and will looking better than ever before!

#### THE INTERNET

People are welcome to send an Email report, however: these will be consequently replied by Email. If somebody wants a QSL and info-package, he/she must write to our Herten maildrop!!

At present time so much radio news is coming our way via the Internet, that we are forced to make a choice which news will be used for the magazine. No doubt this is a positive development. Not only the quantity but also the quality counts... For instance the SW column is getting more news value thanks to the Internet!

#### JOHNNY BEST

Remember good old Johnny Best? He used to present the German Service on FRSH a couple of years ago. After succeding his study, he went to Berlin starting to work on a clasiscal (!!) station. But since a couple of months Johnny hosts the 07.00-09.00 CEST Breakfast Show on RTL's 'Der Oldies Sender'. He can be heard under the name Ulli Peters... RTL can be received on numerous German cable networks, on satellite (Astra) and on 1440 kHz AM. Congratulatiosn with your job Johnny!!